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APR 03 2001

REGION 12



IT CORPORATION

A Member of The IT Group

**FIELD ACTIVITY REPORT
GULFCO MARINE MAINTENANCE, INC.
906 MARLIN AVENUE
FREEPORT, TEXAS**

IT Corporation Project No. 821842

March 26, 2001

Prepared For:

**Texas Natural Resource Conservation Commission
Austin, Texas**

Prepared By:

**IT Corporation
13111 Northwest Freeway, Suite 600
Houston, Texas 77040**

44001

N:\GT\PROJECTS\TNRC\STATE LEAD-SUPERFUND\GULFCO\REPORT\FAR2.DOC

FIELD ACTIVITY REPORT

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1.0 INTRODUCTION

This Field Activity Report documents field activities and associated tasks performed during groundwater sampling activities at the Gulfco Marine Maintenance, Inc. (Gulfco) site in Freeport, Texas. IT Corporation (IT), as authorized by Texas Natural Resource Conservation Commission (TNRCC) Work Order 90-102, has installed temporary groundwater monitoring wells by direct-push technology and sampled existing groundwater monitor wells. Groundwater sampling was conducted in accordance with the Preliminary Assessment/Site Inspection Workplan (IT, 2001) that was approved by TNRCC. The objectives of the work plan included:

- Purge three on-site monitoring wells for sampling by the TNRCC;
- Install ten soil borings (eight on-site and two off-site) and complete as temporary monitoring wells using direct-push technology;
- Survey the on-site temporary monitoring wells and collect depth to water measurements;
- Purge ten temporary monitoring well for sampling by the TNRCC;
- Plug and abandon the temporary monitoring wells;
- Dispose of investigation-derived wastes.

2.0 FIELD ACTIVITIES

2.1 Existing Monitoring Well Sampling

Three existing, on-site monitoring wells MW-1, MW-2 and MW-3 (Figure 1) were purged by IT field personnel and sampled by TNRCC personnel on January 23, 2001. Depth to water and total well depth was measured in each well prior to sampling using an electronic water level meter. These measurements were used to calculate the volume of groundwater in each well. Each well was purged by hand bailing until three well volumes of water were removed and field parameters stabilized. During purging, pH, conductivity and temperature were measured. Groundwater was allowed to recover in each well to 90% of the static water level before samples were collected. A new, disposable plastic bailer was used at each well. Depth to water measurements are summarized in Table 1 and physical parameter measurements are summarized in Table 2.

2.2 Temporary Monitoring Well Sampling

IT Corporation retained Best Drilling Services, Inc. (BDS) of Houston, Texas to install ten soil borings (completed as temporary monitoring wells) by direct-push technology on January 23 and 24, 2001 (see Figure 1). Each boring was continuously logged by an IT geologist, and advanced to total depths ranging from 20 to 24 feet below ground surface (bgs). Soil sampling equipment was decontaminated before and after each use per TNRCC decontamination protocol. Equipment rinsate samples were collected by TNRCC personnel. Each temporary monitoring well was constructed of one-inch diameter, schedule 40 PVC casing and ten feet of 0.010-inch slotted screen. Soil boring logs/well completion diagrams are included in Appendix A.

The ten temporary monitoring wells, GW-1 through GW-4 and GW-6 through GW-11, were purged by IT field personnel and sampled by TNRCC personnel on January 24, 25 and 26, 2001. Depth to water was measured in each well prior to sampling using an electronic water level meter. These measurements were used to calculate the volume of groundwater in each well. Each temporary monitoring well was purged using a peristaltic pump with new tubing used in each well. Each well was purged until three well volumes of water were removed and field parameters pH, conductivity and temperature stabilized. Depth to water measurements are summarized in Table 1 and field parameter measurements are summarized in Table 2. The ten temporary monitoring wells were plugged and abandoned by BDS on January 26, 2001.

3.0 GROUNDWATER ELEVATION DATA

Top of casing elevations of seven of the temporary monitoring wells were surveyed, based on an arbitrary plane of 100 ft. GW-6 was not included in the survey due to its distance from the other wells and close proximity to a large pond. GW-10 and G-11 were not surveyed as the wells are background wells located approximately one-half mile from the site. Groundwater elevations were calculated and a potentiometric surface map of the upper water bearing unit was constructed (See Figure 2). Groundwater flow appears to be to the east toward the small pond. Groundwater-elevation data is summarized in Table 1.

4.0 WASTE DISPOSAL

Soil cuttings, purge water, and decontamination water were containerized on site in separate 55-gallon, DOT-approved drums. The drums were sampled at the conclusion of field activities to characterize the wastes for disposal. Each sample was collected in clean, laboratory-supplied sample jars and labeled with sample identification, date and time of sample collection, analyses to be performed, and the sampler(s) initials. Samples were immediately placed into an ice-cooled chest for transport under chain of custody documentation to the laboratory. The laboratory analytical report is included in Appendix B.

The soil cuttings, purge water and decontamination water remain on-site pending disposal at a permitted facility. Manifests documenting disposal will be provided under separate cover following disposal.

5 .0 REFERENCES

Preliminary Assessment/Site Inspection Workplan - Installation of Ten Temporary Monitoring Wells by Direct-push Technology, IT Corporation, January 10, 2001.

TABLES

Table 1
Groundwater Elevation Data
TNRCC-Gulfco Marine Maintenance, Inc.
Freeport, Texas
January 2001

Temporary Well ID	Casing Elevation ¹	Date Measured	Depth to Water	Groundwater Elevation
GW-1	94.21	1/25/01	3.56	90.65
GW-2	94.43	1/25/01	3.47	90.96
GW-3	93.85	1/25/01	1.64	92.21
GW-4	94.91	1/25/01	4.1	90.81
GW-6	NM	—	0.55	—
GW-7	93.4	1/25/01	2.18	91.22
GW-8	94.84	1/26/01	2.16	92.68
GW-9	94.36	1/25/01	1.71	92.65
GW-10	NM	—	3.62	—
GW011	NM	—	4.41	—

Notes:

¹ - Top of casing surveyed to arbitrary plane of 100-ft. elevation.

NM - Not measured.

Table 2
Groundwater Field Parameters
TNRCC-Gulfco Marine Maintenance, Inc.
Freeport, Texas
January 2001

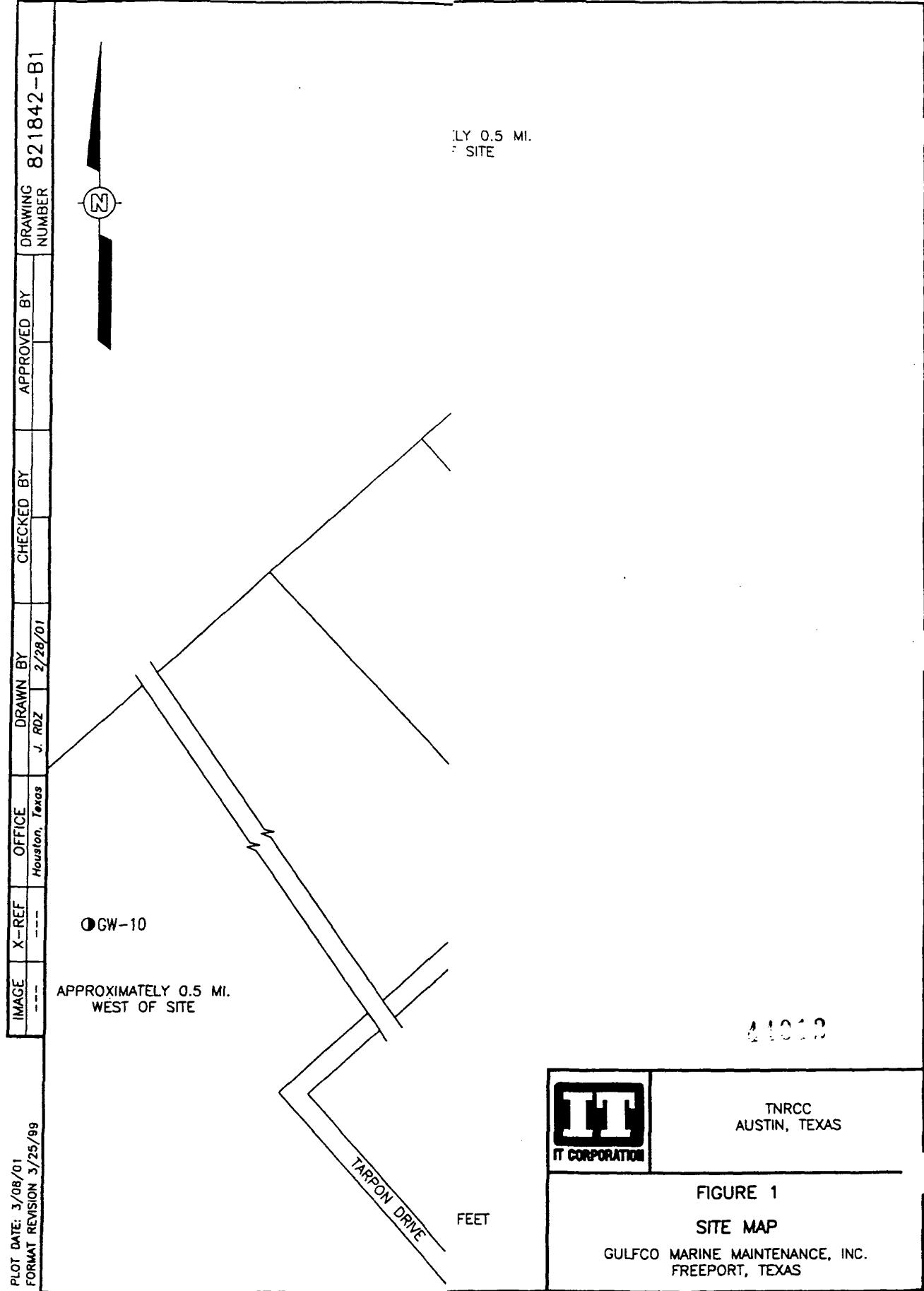
Temporary Well ID	Date	Time	Volume (gal.)	pH s.u.	Conductivity mS/cm	Temperature C
GW-1	1/25/01	1333	1.00	6.25	42.61	21.6
		1339	1.50	6.29	43.76	22.3
		1346	2.00	6.24	50.61	22.2
		1351	2.50	6.23	50.26	21.7
GW-2	1/25/01	1619	1.00	7.15	35.97	20.5
		1626	2.00	7.05	38.12	20.6
		1630	2.50	7.01	38.24	21.3
		1633	3.00	7.00	38.65	21.2
GW-3	1/25/01	1453	1.00	6.12	59.75	23.8
		1459	2.00	6.28	57.92	22.8
		1504	2.50	6.24	56.57	22.5
		1508	3.00	6.28	56.10	22.6
GW-4	1/25/01	1139	0.75	6.08	34.73	23.6
		1209	1.50	6.83	36.57	20.2
		1240	2.00	6.71	32.60	19.3
		1300	2.25	7.00	38.25	22.5
GW-6	1/25/01	820	0.6	6.94	59.40	15.90
		835	1.5	6.94	61.40	16.00
		847	2.5	6.98	61.40	16.10
GW-7	1/25/01	1007	0.75	6.94	47.50	19.2
		1022	1.50	6.88	47.98	20.5
		1029	2.00	6.78	50.25	20.6
		1034	2.50	6.76	51.41	20.4
GW-8	1/26/01	809	0.75	6.63	44.76	19.7
		825	1.50	6.86	46.78	20.2
		835	2.00	6.82	46.73	20.5
		842	2.25	6.73	46.76	20.4
GW-9	1/25/01	1748	1.00	6.77	37.75	19.7
		1815	1.50	6.79	64.55	18.4
		1823	2.25	6.91	63.92	18.7
GW-10	1/24/01	1444	1.00	6.94	41.24	22.1
		1513	1.50	6.99	42.42	22.5
		1515	2.00	6.93	41.54	22.0
GW-11	1/24/01	1638	0.50	7.26	5.12	18.0
		1648	1.00	7.21	4.96	16.3
		1657	1.50	7.45	4.79	16.4
		1705	1.75	7.34	4.81	16.2

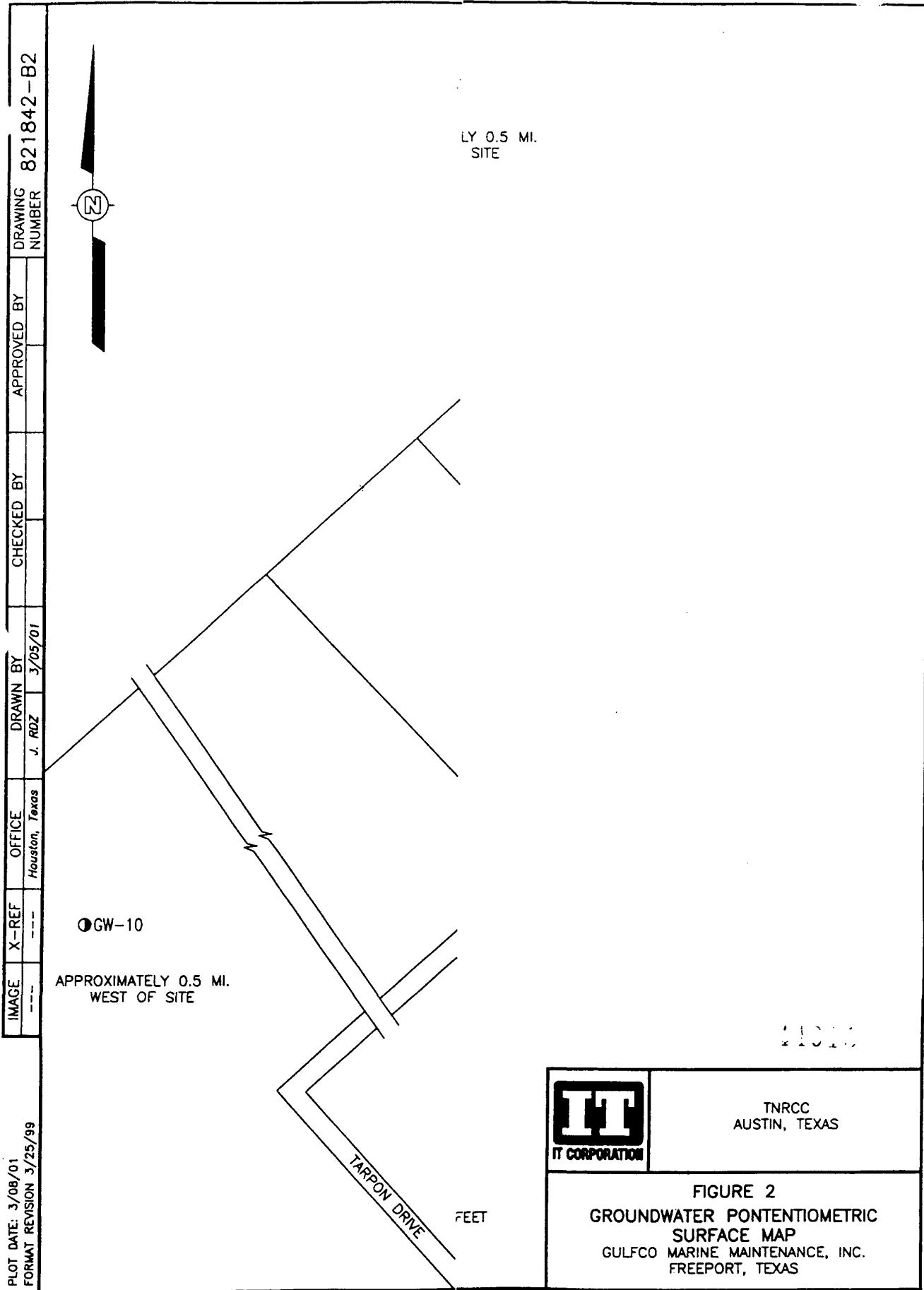
gulfco

14010

FIGURES

11011



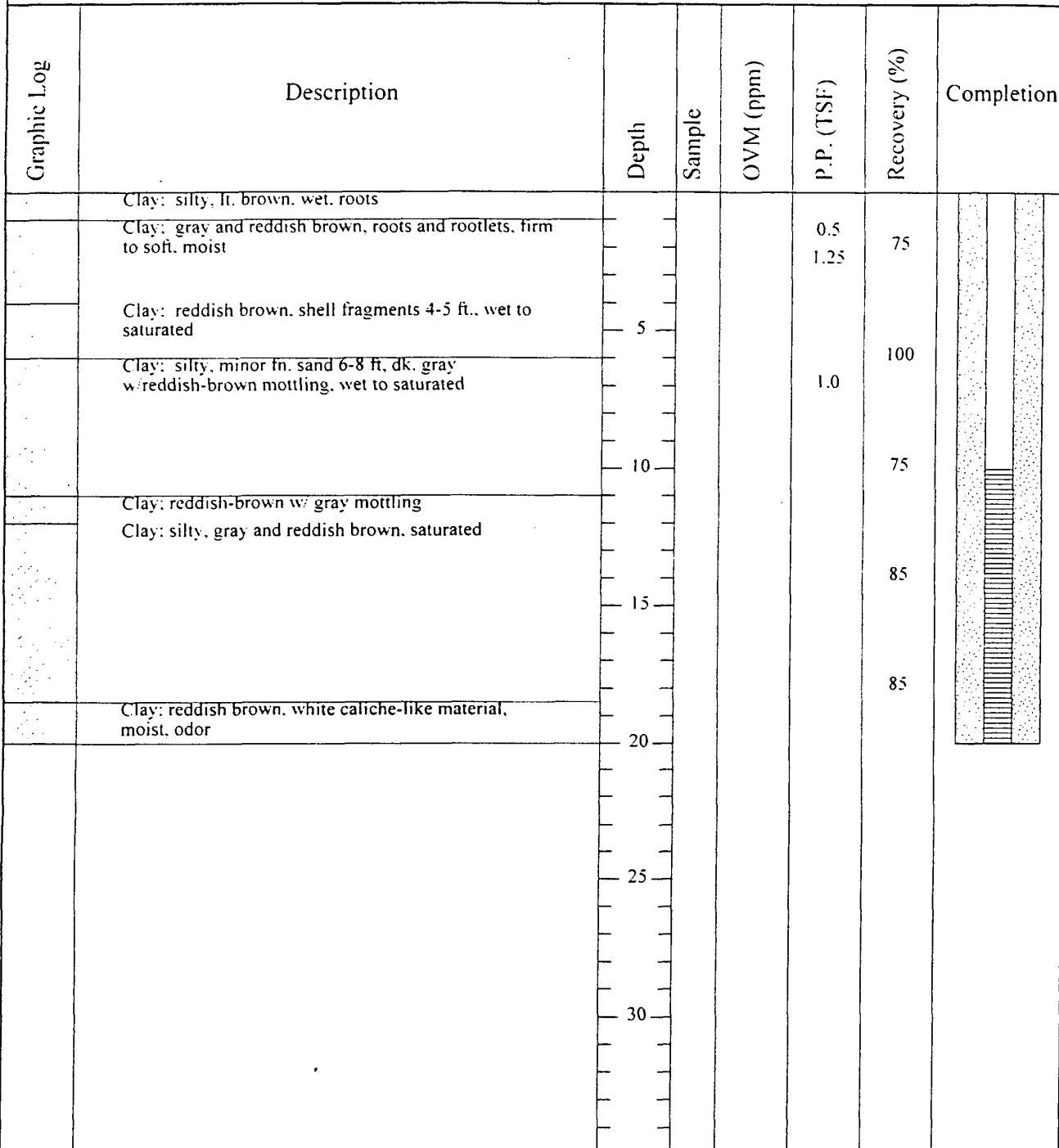


APPENDIX A

SOIL BORING LOGS/WELL COMPLETION DIAGRAMS

GW-1

Gulfco Marine	906 Marlin Avenue	Freeport, Texas
Project Number	821842	Drill Rig Geoprobe
Geologist	Dale Holman	Ground Elevation Feet
Date Drilled	1/23/01	Total Depth of Borehole Feet
Borehole Diameter	2 Inches	Depth to Water Feet



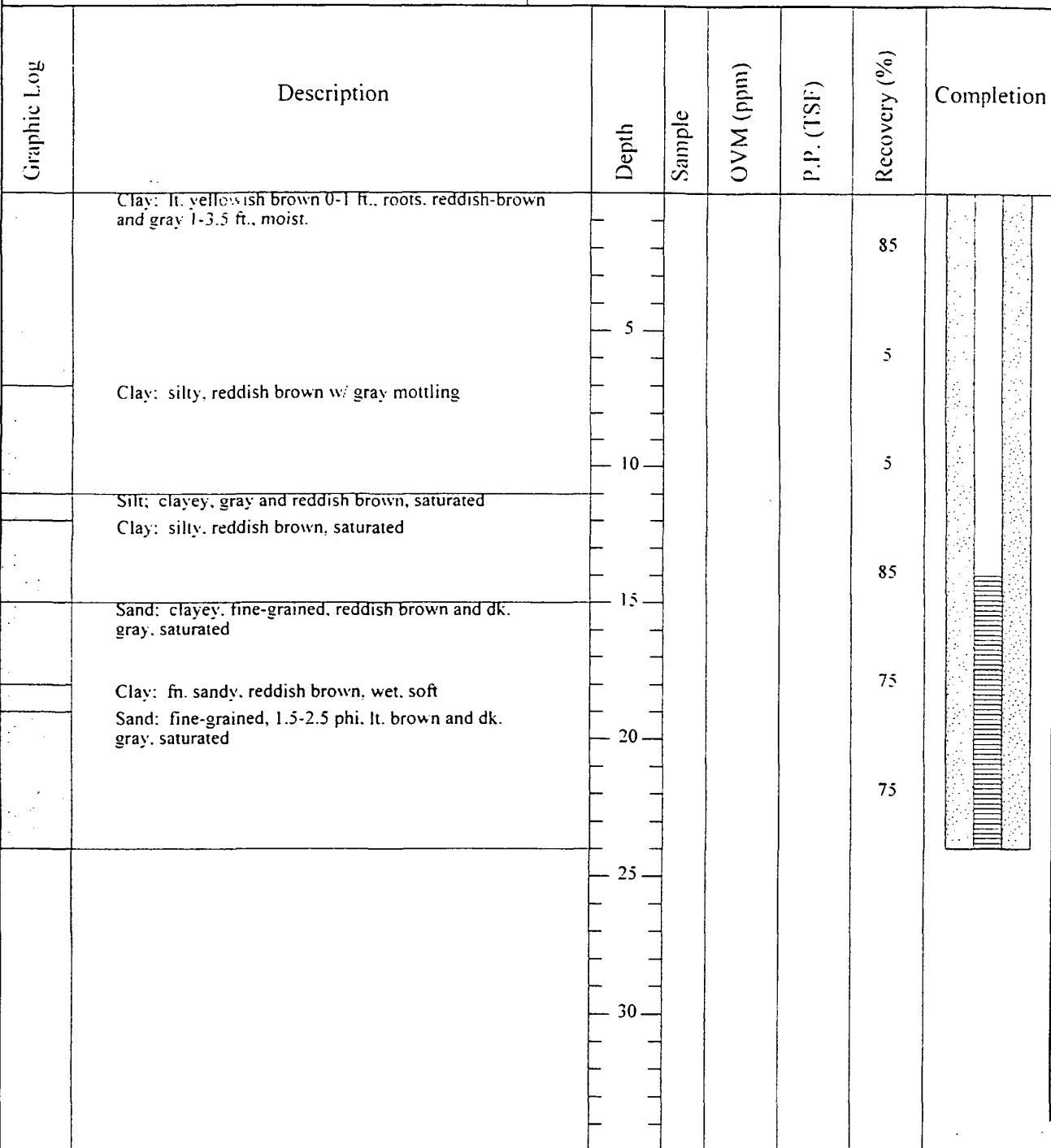
GW-2

Gulfco Marine

906 Marlin Avenue

Freeport, Texas

Project Number	821842	Drill Rig	Geoprobe
Geologist	Dale Holman	Ground Elevation	Feet
Date Drilled	1/23/01	Total Depth of Borehole	Feet
Borehole Diameter	2 Inches	Depth to Water	Feet



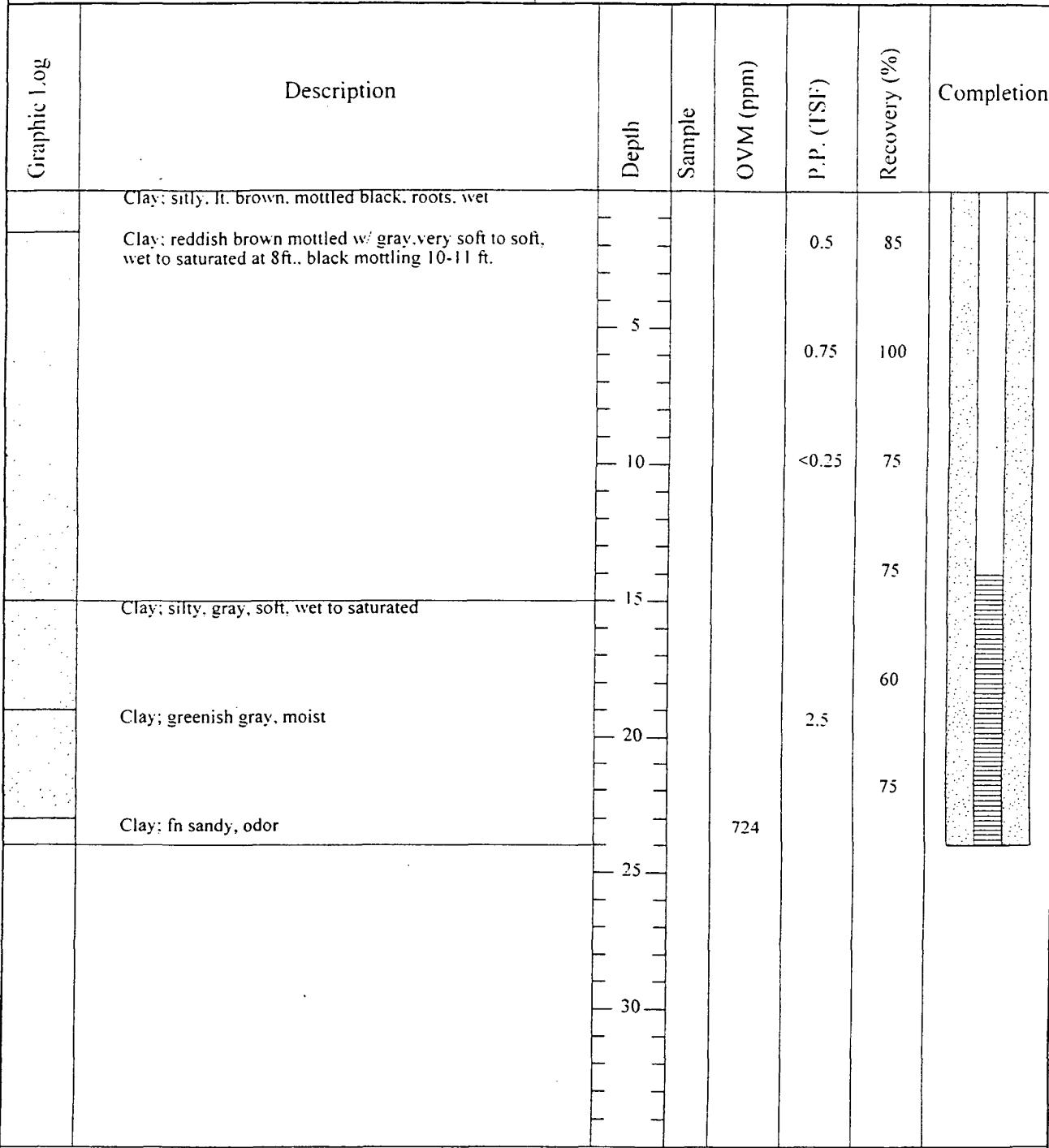
GW-3

Gulfco Marine

906 Marlin Avenue

Freeport, Texas

Project Number	821842	Drill Rig	Geoprobe
Geologist	Dale Holman	Ground Elevation	Feet
Date Drilled	1/23/01	Total Depth of Borehole	Feet
Borehole Diameter	2 Inches	Depth to Water	Feet



GW-4

Gulfco Marine

906 Marlin Avenue

Freeport, Texas

Project Number	821842	Drill Rig	Geoprobe
Geologist	Dale Holman	Ground Elevation	Feet
Date Drilled	1/23/01	Total Depth of Borehole	Feet
Borehole Diameter	2 Inches	Depth to Water	Feet

Graphic Log	Description	Depth	Sample	OVM (ppm)	P.P. (TSF)	Recovery (%)	Completion	
							1	2
	Clay: lt. yellowish brown, roots, moist				0.5			
	Clay: fn. sandy, reddish brown, moist				0.5	75		
	Clay: gray w/minor reddish brown mottling, moist				0.5			
	Clay: v. fn. sandy, 3.0-3.5 phi, gray	5						
	Clay: silty, reddish brown and gray, wet to saturated at 7 ft.					85		
		10				85		
	Silt: clayey, reddish brown, saturated							
	Clay: silty, clayey silt 13-14 ft. and 15-16 ft.. saturated, odor, brown PSH. sheen, 17-18 ft.					75		
		15						
	Sand, fn. grained, shell fragments, wet, odor	20				75		
		25						
		30						

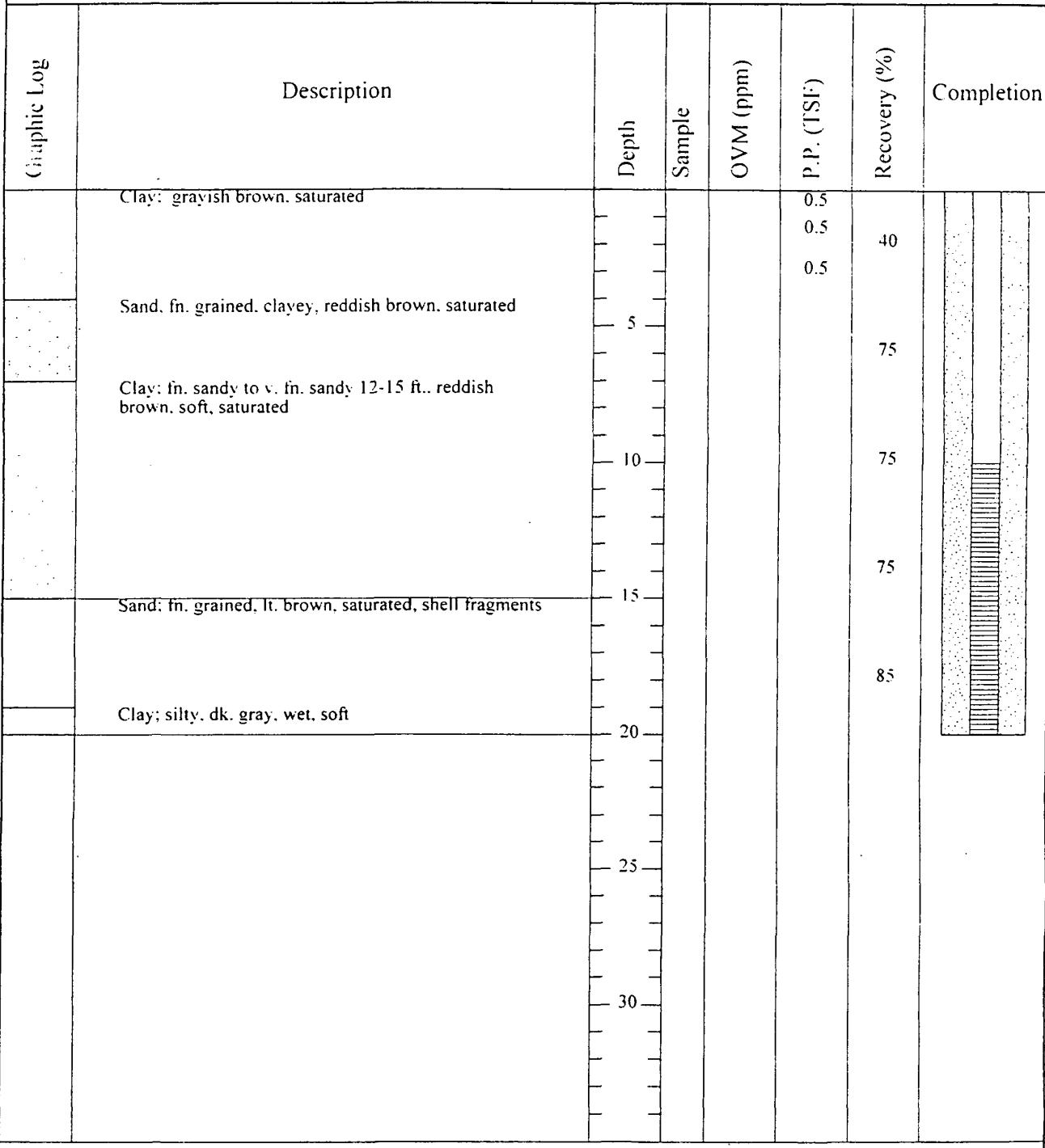
GW-6

Gulfco Marine

906 Marlin Avenue

Freeport, Texas

Project Number	821842	Drill Rig	Geoprobe
Geologist	Dale Holman	Ground Elevation	Feet
Date Drilled	1/23/01	Total Depth of Borehole	Feet
Borehole Diameter	2 Inches	Depth to Water	Feet

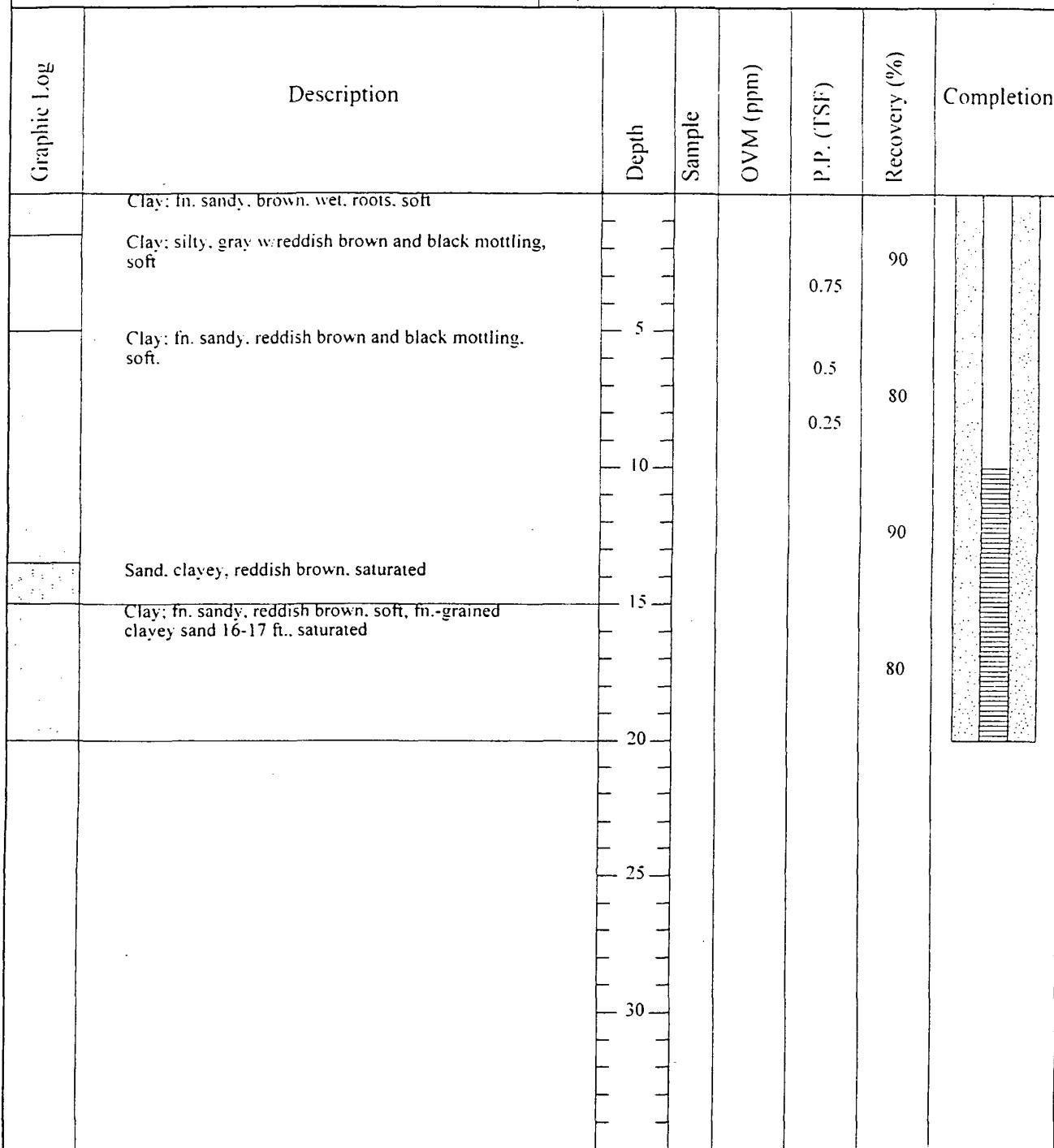


GW-7

Gulfco Marine		906 Marlin Avenue		Freeport, Texas		
Project Number	821842 <th>Drill Rig</th> <td data-cs="3" data-kind="parent">Geoprobe</td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td></td>	Drill Rig	Geoprobe			
Geologist	Dale Holman	Ground Elevation	Feet			
Date Drilled	1/24/01	Total Depth of Borehole	Feet			
Borehole Diameter	2 Inches	Depth to Water	Feet			
Graphic Log	Description	Depth	Sample	OVM (ppm)	P.P. (TSF)	Completion
	Clay; silty, roots 0-1 ft., dk. gray 0-4 ft., reddish brown and dk. gray 4-10 ft., soft, wet to saturated	5				60
	Sand, v. fn. grained (3.5-4.0 phi), clayey	10			0.25	80
	Clay; v. fn. sandy 11-15 ft., fn. sandy 15-20 ft., dk. gray & reddish brown 11-18 ft., lt. gray & lt. brown 18-20 ft. with caliche-like material, wet to saturated	15			0	60
		20				70
		25				
		30				

G N-8

Gulfco Marine	906 Marlin Avenue	Freeport, Texas
Project Number	821842	Drill Rig Geoprobe
Geologist	Dale Holman	Ground Elevation Feet
Date Drilled	1-24-01	Total Depth of Borehole Feet
Borehole Diameter	2 Inches	Depth to Water Feet



GW-9

Gulfco Marine	906 Marlin Avenue	Freeport, Texas
Project Number	821842	Drill Rig Geoprobe
Geologist	Dale Holman	Ground Elevation Feet
Date Drilled	1/24/01	Total Depth of Borehole Feet
Borehole Diameter	2 Inches	Depth to Water Feet

Graphic Log	Description	Depth	Sample	OVM (ppm)	P.P. (TSF)	Recovery (%)	Completion	
							5	10
	Sand; fn.-grained, clayey, brown, roots, wet Clay; v. fn. sandy 0.5-5 ft., fn. sandy 5-15 ft., wet to saturated at 5 ft., reddish brown, firm to soft, clayey fn. sand 7.5-8 ft.	5			1.0	80		
		10			0.5	80		
		15			<0.25	75		
	Sand; fn.-grained, clayey, reddish brown, saturated	20				60		
	Clay, fn. sandy, gray mottled w/ reddish brown, wet	25						
		30						

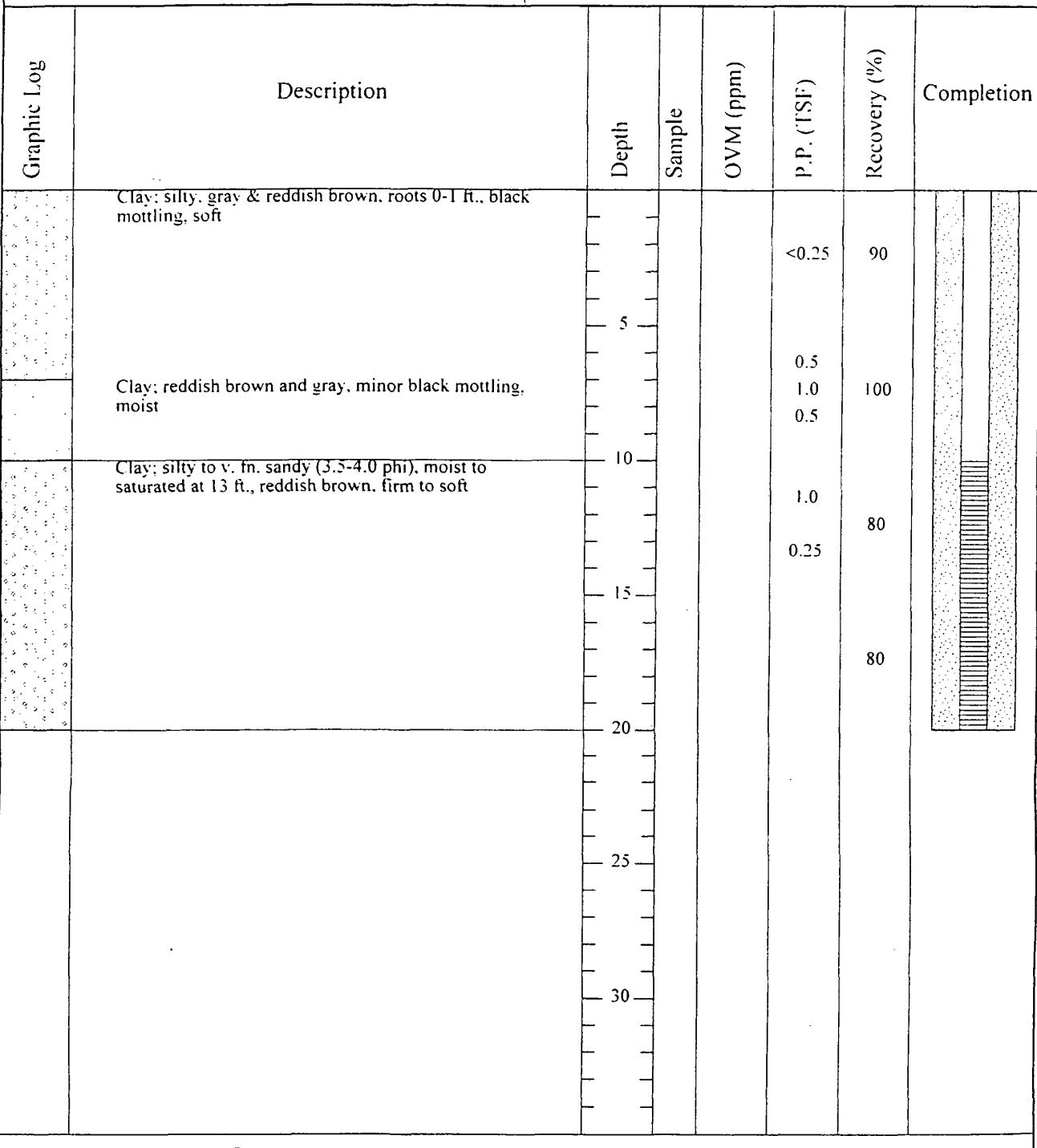
GW-10

Gulfco Marine

906 Marlin Avenue

Freeport, Texas

Project Number	821842	Drill Rig	Geoprobe
Geologist	Dale Holman	Ground Elevation	Feet
Date Drilled	1/24/01	Total Depth of Borehole	Feet
Borehole Diameter	2 Inches	Depth to Water	Feet



IT CORPORATION

Page 1

GW-11

Gulfco Marine

906 Marlin Avenue

Freeport, Texas

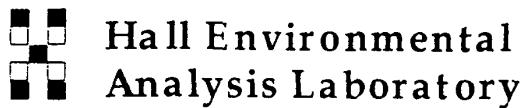
Project Number	821842	Drill Rig	Geoprobe
Geologist	Dale Holman	Ground Elevation	Feet
Date Drilled	1/24/01	Total Depth of Borehole	Feet
Borehole Diameter	2 Inches	Depth to Water	Feet

Graphic Log	Description	Depth	Sample	OVM (ppm)	P.P. (TSF)	Recovery (%)	Completion	
							1	2
	Sand: fn.-grained, clayey, brown, roots 0-1 ft., moist to wet				<0.25	70		
	Clay: dk. gray, wet, soft to firm	5			0.5			
	Clay: fn. sandy, reddish brown, brown 10-13 ft., brown & gray 13-17 ft., saturated	10			1.0	80		
		15			0.5			
		20			1.0	60		
		25			0.25			
		30						

APPENDIX B

LABORATORY ANALYTICAL REPORT

44025



Hall Environmental Analysis Laboratory
5121 69th St.
Suite A-7
Lubbock, TX 79424

2/21/01

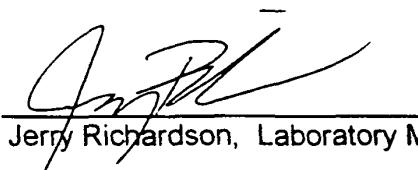
I T Corporation
13111 N.W. Frwy. #600
Houston, TX 77040

Dear Mr. Huddleson,

Enclosed are the results for the analyses that were requested. These were done according to EPA procedures, Texas state protocol or equivalent.

Detection limits are determined by EPA methodology. No determination of compounds below these (denoted by the ND or < sign) has been made.

Please don't hesitate to contact HEAL for any additional information or clarifications.



Jerry Richardson, Laboratory Manager

HEAL#: 0101339 (1-3)
Project: Gulfco Marine
Project #: 821842

5121 69th St., Suite A-7, Lubbock, TX 79424
Ph(806)798-9882, Fax(806)798-8434

CHAIN-OF-CUSTODY RECORD

Client: IT Corporation

Project Name:

Gulfco Marine

Address: 1311 NW Hwy. #600
Blawston, TX 77040

Project #:

821842

Phone #: 713-996-4400

Sampler: Dale Johnson

Fax #: 713-939-9546

Samples Cold?: Yes No 4.3 °C

Date: () Time: Relinquished By: (Signature)

126-01500 ✓ 4-Die

Received By: (Signature)

Federal Express 936037906610

Remarks

Steve Huddleston will call Monday
1-24-01 to confirm analyses.



Sample Receiving/Cooler Receipt Form

Client: E. Cap

Cooler received Date: 1/09/01 Opened by: Micheal Gonchill
Micheal Gonchill
(Signature)

- | | | | |
|---|-------------|--------------------------------------|----|
| 1) Temperature inside cooler | <u>43°C</u> | <input checked="" type="radio"/> Yes | No |
| 2) Were custody seals on outside of cooler | | <input checked="" type="radio"/> Yes | No |
| a. If yes, what kind and where: | <u>Vel</u> | <input checked="" type="radio"/> Yes | No |
| b. Were the custody seals signed and dated | | <input checked="" type="radio"/> Yes | No |
| 3) Were Chain(s) of Custody (CoC) inside cooler | | <input checked="" type="radio"/> Yes | No |
| 4) Were CoC(s) properly filled out | | <input checked="" type="radio"/> Yes | No |
| 5) Did you sign CoC(s) in the appropriate place | | <input checked="" type="radio"/> Yes | No |
| 6) What kind of packing material was used | <u>Ice</u> | <input checked="" type="radio"/> Yes | No |
| 7) Was sufficient ice used (if applicable) | | <input checked="" type="radio"/> Yes | No |
| 8) Did all bottles arrive in good condition | | <input checked="" type="radio"/> Yes | No |
| 9) Were bottle labels filled out (#,dated, etc.) | | <input checked="" type="radio"/> Yes | No |
| 10) Did bottle labels or tags agree with CoC(s) | | <input checked="" type="radio"/> Yes | No |
| 11) Were correct bottles collected for analysis requested | | <input checked="" type="radio"/> Yes | No |
| 12) If necessary, were VOA vials checked for air bubbles | | <input checked="" type="radio"/> Yes | No |
| 13) Was there sufficient sample in each bottle | | <input checked="" type="radio"/> Yes | No |
| 14) Were correct preservatives used | | <input checked="" type="radio"/> Yes | No |
| 15) Corrective action taken, if necessary: | | | |
| a. Name of person contacted: | | | |
| b. Date contacted: | | | |

Comments:

5121 69th St., Suite A-7, Lubbock, TX 79424
Ph(806) 798-9882, Fax(806) 798-8434

14000



EX. USA Airbill
Express

826037906610

1 From Date	1-26-01	Sender's FedEx Account Number	111754640
Sender's Name	Dale Holman	Phone	713 996-4400
Company	IT Corporation		
Address	1311 NW Frex #600		
City	Houston	State	TX
		ZIP	77040
Dept/Floor/Suite/PO#			
2 Your Internal Billing Reference	821842		
3 To Recipient's Name	Sample Receiving	Phone	806 798-84
Company	Hall Environmental Analysis Laboratory		
Address	5121 69th St., Suite A7		
To "HOLD" at FedEx location, print FedEx address			
We cannot deliver to P.O. boxes or P.O. ZIP codes.			
Dept/Floor/Suite/PO#			
City	Lubbock	State	TX
		ZIP	79424
 8260 3790 6610			

0200

Form
ID No.

FedEx Retrieval Copy

Express Package Service

FedEx Priority Overnight
Next business morning

FedEx Standard Overnight
Next business afternoon

Packages up to 150 lbs.

Delivery commitment may be later in some areas

FedEx 2 Day*
Second business day

FedEx Express Saver*
Third business day

FedEx First Overnight
Earliest business morning
delivery to select locations

* FedEx • Envelope/letter Rate not available
Minimum charge. One-pound rate

Express Freight Service

FedEx 1 Day Freight*
Next business day

FedEx 2 Day Freight
Second business day

Packages over 150 lbs.

Delivery commitment may be later in some areas

FedEx 3 Day Freight
Third business day

* Declared value limit \$500

Packaging

FedEx Envelope/
Letter*

FedEx Pak*

~~Urgent Pkg.~~
~~Includes FedEx Box, FedEx Tube,
and customer pkg.~~

Special Handling

SATURDAY Delivery
Available only for
FedEx Ground
overnight
or FedEx 2 Day to select
ZIP codes

33

SUNDAY Delivery
Available only for
FedEx Priority Overnight
to select ZIP codes

Include FedEx address in Section 3.

HOLD Weekend
at FedEx Location 31
Not available with
FedEx First Overnight

HOLD Saturday
at FedEx Location
Available only for
FedEx Priority Overnight
or FedEx 2 Day to
select locations

Does this shipment contain dangerous goods?
One box must be checked.

Yes
Shipper's Declaration
not required

Dry Ice
Dry Ice, KUN 1M5

Cargo Aircraft Only

Payment Bill to:

Enter FedEx Acct. No. or Credit Card No. below.

Obtain Recip.
Acct. No.

Sender
Acct. No. in Section
I will be billed

2

Recipient

Third Party

Credit Card

Cash/Check

Exp. Date

Total Packages

Total Weight

46

Data

Total Charges

Credit Card Audit

Our liability is limited to \$100 unless you declare a higher value. See the FedEx Service Guide for details.

Release Signature

Sign to authorize delivery without obtaining signature

360

By signing you authorize us to deliver this shipment without obtaining a signature
and agree to indemnify and hold us harmless from any resulting claims

Rev. Date 7/00 - Part #154815 - 11/1994 - 2010 Form #PR00174 IN U.S.A. - GPO FEB 12 2000


**Hall Environmental
Analysis Laboratory**

Client:	I T Corporation	Date Collected:	1/26/01
Project:	Gulfco Marine	Date Received:	1/29/01
Project Manager:	Steve Huddleson	Sample Matrix:	Aqueous
Project Number:	821842	Extraction Date:	N/A

EPA Method - 8260 (page 1)
Units PPB (ug/l)

<u>Compound</u>	<u>CAS NO.</u>	<u>MDL</u>	<u>Result</u>
Benzene	71-43-2	1.0	<10
Bromobenzene	108-86-1	1.0	<10
Bromochloromethane	74-97-5	1.0	<10
Bromodichloromethane	75-27-4	1.0	<10
Bromoform	75-25-2	1.0	<10
Bromomethane	74-83-9	1.0	<10
n-Butylbenzene	104-51-8	1.0	<10
sec-Butylbenzene	135-98-8	1.0	<10
tert-Butylbenzene	98-06-6	1.0	<10
Carbon Tetracholride	56-23-5	1.0	<10
Chlorobenzene	108-90-7	1.0	<10
Chloroethane	75-00-3	2.0	<20
Chloroform	67-66-3	1.0	224
Chloromethane	74-87-3	1.0	<10
2-Chlorotoluene	95-49-8	1.0	<10
4-Chlorotoluene	106-43-4	1.0	<10
Dibromochloromethane	124-48-1	1.0	<10
1,2-Dibromo-3-chloropropane	96-12-8	2.0	<20
1,2-Dibromoethane (EDB)	106-93-4	1.0	<10
Dibromomethane	74-95-3	2.0	<20
1,2-Dichlorobenzene	95-50-1	1.0	<10
1,3-Dichlorobenzene	541-73-1	1.0	<10
1,4-Dichlorobenzene	106-46-7	1.0	<10
Dichlorodifluoromethane	75-71-8	1.0	<10
1,1-Dichloroethane	75-34-3	1.0	2370 (X250)
1,2-Dichloroethane (EDC)	107-06-2	1.0	331000 (X12500)
1,1-Dichloroethene	75-35-4	1.0	5030 (X250)
1,2-Dichloroethene (Cis)	156-59-2	1.0	224
1,2-Dichloroethene (Trans)	156-60-5	1.0	49.7
Dichloromethane	75-09-2	3.0	<30
1,2-Dichloropropane	78-87-5	1.0	263
1,3-Dichloropropane	142-28-9	1.0	<10
2,2-Dichloropropane	594-20-7	1.0	<10

(Continued)
 5121 69th St., Suite A-7, Lubbock, TX 79424
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EPA Method - 8260 (page 2)

Client ID: **PW-1**
HEAL#: 0101339-1
Analysis Date: 2/9/01

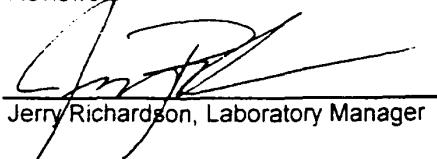
<u>Compound</u>	<u>CAS NO.</u>	<u>MDL</u>	<u>Result</u>
1,1-Dichloropropene	563-58-6	1.0	<10
cis-1,3-Dichloropropene	10061-01-5	1.0	<10
trans-1,3-Dichloropropene	10061-02-6	1.0	<10
Ethylbenzene	100-41-4	1.0	<10
Hexachlorobutadiene	87-68-3	1.0	<10
Isopropylbenzene	98-82-8	1.0	<10
4-Isopropyltoluene	99-87-6	1.0	<10
Naphthalene	91-20-3	2.0	128
n-propylbenzene	103-65-1	1.0	<10
Styrene	100-42-5	1.0	<10
1,1,1,2-Tetrachloroethane	630-20-6	1.0	<10
1,1,2,2-Tetrachloroethane	79-34-5	1.0	<10
Tetrachloroethene (PCE)	127-18-4	1.0	3670 (X250)
Toluene	108-88-3	1.0	326
1,2,3-Trichlorobenzene	87-61-6	1.0	<10
1,2,4-Trichlorobenzene	120-82-1	1.0	<10
1,1,1-Trichloroethane	71-55-6	1.0	34300 (X2500)
1,1,2-Trichloroethane	79-00-5	1.0	11.2
Trichloroethene (TCE)	79-01-6	1.0	9380 (X250)
Trichlorofluoromethane	75-69-4	1.0	<10
1,2,3-Trichloropropane	96-18-4	2.0	<20
1,2,4-Trimethylbenzene	95-63-6	1.0	<10
1,3,5-Trimethylbenzene	108-67-8	1.0	<10
Vinyl Chloride	75-01-4	2.0	2140 (X250)
Xylenes (Total)	1330-20-7	1.0	<10
MTBE	1634-04-4	1.0	<10

Surrogates:

DBFM Recovery	<u>114%</u>
1,2-DCA-d4 Recovery	<u>89%</u>
d8-Toluene Recovery	<u>85%</u>
BFB Recovery	<u>123%</u>

Dilution 10

Reviewed:



Jerry Richardson, Laboratory Manager

5121 69th St., Suite A-7, Lubbock, TX 79424
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Hall Environmental Analysis Laboratory

Client: I T Corporation **Date Collected:** 1/26/01
Project: Gulfco Marine **Date Received:** 1/29/01
Project Manager: Steve Huddleson **Sample Matrix:** Soil
Project Number: 821842 **Extraction Date:** 2/5/01

EPA Method - 8260 (page 1)

Units PPM mg/kg

Client ID:	SD-1
HEAL#:	0101339-2
Analysis Date:	2/9/01

<u>Compound</u>	<u>CAS NO.</u>	<u>MDL</u>	<u>Result</u>
Benzene	71-43-2	0.05	nd
Bromobenzene	108-86-1	0.05	nd
Bromochloromethane	74-97-5	0.05	nd
Bromodichloromethane	75-27-4	0.05	nd
Bromoform	75-25-2	0.05	nd
Bromomethane	74-83-9	0.05	nd
n-Butylbenzene	104-51-8	0.05	nd
sec-Butylbenzene	135-98-8	0.05	nd
tert-Butylbenzene	98-06-6	0.05	nd
Carbon Tetracholride	56-23-5	0.05	nd
Chlorobenzene	108-90-7	0.05	nd
Chloroethane	75-00-3	0.10	nd
Chloroform	67-66-3	0.05	nd
Chloromethane	74-87-3	0.05	nd
2-Chlorotoluene	95-49-8	0.05	nd
4-Chlorotoluene	106-43-4	0.05	nd
Dibromochloromethane	124-48-1	0.05	nd
1,2-Dibromo-3-chloropropane	96-12-8	0.10	nd
1,2-Dibromoethane (EDB)	106-93-4	0.05	nd
Dibromomethane	74-95-3	0.10	nd
1,2-Dichlorobenzene	95-50-1	0.05	nd
1,3-Dichlorobenzene	541-73-1	0.05	nd
1,4-Dichlorobenzene	106-46-7	0.05	nd
Dichlorodifluoromethane	75-71-8	0.05	nd
1,1-Dichloroethane	75-34-3	0.05	nd
1,2-Dichloroethane (EDC)	107-06-2	0.05	1.2
1,1-Dichloroethene	75-35-4	0.05	nd
1,2-Dichloroethene (Cis)	156-59-2	0.05	nd
1,2-Dichloroethene (Trans)	156-60-5	0.05	nd
Dichloromethane	75-09-2	0.15	nd
1,2-Dichloropropane	78-87-5	0.05	nd
1,3-Dichloropropane	142-28-9	0.05	nd
2,2-Dichloropropane	594-20-7	0.05	nd

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(Continued)
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EPA Method - 8260 (page 2)

Client ID: **SD-1**
HEAL#: 0101339-2
Analysis Date: 2/9/01

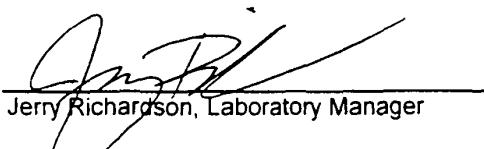
<u>Compound</u>	<u>CAS NO.</u>	<u>MDL</u>	<u>Result</u>
1,1-Dichloropropene	563-58-6	0.05	nd
cis-1,3-Dichloropropene	10061-01-5	0.05	nd
trans-1,3-Dichloropropene	10061-02-6	0.05	nd
Ethylbenzene	100-41-4	0.05	nd
Hexachlorobutadiene	87-68-3	0.05	nd
Isopropylbenzene	98-82-8	0.05	nd
4-Isopropyltoluene	99-87-6	0.05	nd
Naphthalene	91-20-3	0.10	nd
n-propylbenzene	103-65-1	0.05	nd
Styrene	100-42-5	0.05	nd
1,1,1,2-Tetrachloroethane	630-20-6	0.05	nd
1,1,2,2-Tetrachloroethane	79-34-5	0.05	nd
Tetrachloroethene (PCE)	127-18-4	0.05	nd
Toluene	108-88-3	0.05	nd
1,2,3-Trichlorobenzene	87-61-6	0.05	nd
1,2,4-Trichlorobenzene	120-82-1	0.05	nd
1,1,1-Trichloroethane	71-55-6	0.05	nd
1,1,2-Trichloroethane	79-00-5	0.05	nd
Trichloroethene (TCE)	79-01-6	0.05	nd
Trichlorofluoromethane	75-69-4	0.05	nd
1,2,3-Trichloropropane	96-18-4	0.10	nd
1,2,4-Trimethylbenzene	95-63-6	0.05	nd
1,3,5-Trimethylbenzene	108-67-8	0.05	nd
Vinyl Chloride	75-01-4	0.10	nd
Xylenes (Total)	1330-20-7	0.05	nd
MTBE	1634-04-4	0.10	nd

Surrogates:

DBFM Recovery	<u>98%</u>
1,2-DCA-d4 Recovery	<u>88%</u>
d8-Toluene Recovery	<u>98%</u>
BFB Recovery	<u>110%</u>

Dilution 1

Reviewed:



Jerry Richardson, Laboratory Manager

1/20/01

5121 69th St., Suite A-7, Lubbock, TX 79424
Ph(806)798-9882, Fax(806)798-8434

 Hall Environmental
Analysis Laboratory

Client: I T Corporation **Date Collected:** 1/26/01
Project: Gulfco Marine **Date Received:** 1/29/01
Project Manager: Steve Huddleson **Sample Matrix:** Soil
Project Number: 821842 **Units:** ppm (mg/kg)

Extraction Date: 2/9/01

EPA Method - 8270 (page 1)

Client ID: SD-1
HEAL#: 0101339-2
Analysis Date: 2/15/01

<u>Compound</u>	<u>CAS #</u>	<u>MDL</u>	
Acenaphthene	83-32-9	0.1	nd
Acenaphthylene	208-96-8	0.1	nd
Aniline	62-53-3	0.1	nd
Anthracene	120-12-7	0.1	nd
Benzidine	92-87-5	0.2	nd
Benzo(a)anthracene	56-55-3	0.1	nd
Benzo(b)fluoranthene	205-99-2	0.1	nd
Benzo(k)fluoranthene	207-08-9	0.1	nd
Benzoic acid	65-85-0	0.5	nd
Benzo(g,h,i)perlyene	191-24-2	0.1	nd
Benzo(a)pyrene	50-32-8	0.1	nd
Benzyl alcohol	100-51-6	0.2	nd
Bis(2-chloroethoxy)methane	111-91-1	0.1	nd
Bis(2-chloroethyl)ether	111-44-4	0.1	nd
Bis(2-chloroisopropyl)ether	108-60-1	0.1	nd
Bis(2-ethylhexyl)phthalate	117-81-7	0.1	nd
4-Bromophenyl phenyl ether	101-55-3	0.1	nd
Butylbenzyl phthalate	85-68-7	0.1	nd
4-Chloroaniline	106-47-8	0.2	nd
4-Chloro-3-methyl phenol	59-50-7	0.2	nd
2-Chloronaphthalene	91-58-7	0.1	nd
2-Chlorophenol	95-57-8	0.1	nd
4-Chlorophenyl phenyl ether	7005-72-3	0.1	nd
Chrysene	218-01-9	0.1	nd
Dibenz(a,h)anthracene	53-70-3	0.1	nd
Dibenzofuran	132-64-9	0.1	nd
Di-n-butyl phthalate	84-74-2	0.1	nd
1,2-Dichlorobenzene	95-50-1	0.1	nd
1,3-Dichlorobenzene	541-73-1	0.1	nd
1,4-Dichlorobenzene	106-46-7	0.1	nd
2,4-Dichlorophenol	120-83-2	0.1	nd
2,6-Dichlorophenol	87-65-0	0.1	nd
Diethyl phthalate	84-66-2	0.1	nd
2,4-Dimethylphenol	105-67-9	0.1	nd
Dimethyl phthalate	131-11-3	0.1	nd

(Continued)

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EPA Method - 8270 (page 2)

Client ID: **SD-1**
HEAL#: 0101339-2
Analysis Date: 2/15/01

<u>Compound</u>	<u>CAS #</u>	<u>MDL</u>	
4,6-Dinitro-2-methylphenol	534-52-1	0.5	nd
2,4-Dinitrophenol	51-28-5	0.5	nd
Di-n-octyl phthalate	117-84-0	0.1	nd
Fluoranthene	206-44-0	0.1	nd
Fluorene	86-73-7	0.1	nd
Hexachlorobenzene	118-74-1	0.1	nd
Hexachlorobutadiene	87-68-3	0.1	nd
Hexachlorocyclopentadiene	77-47-4	0.1	nd
Hexachloroethane	67-72-1	0.1	nd
Indeno(1,2,3-cd)pyrene	193-39-5	0.1	nd
Isophorone	78-59-1	0.1	nd
2-Methylnaphthalene	91-57-6	0.1	nd
2-Methylphenol	95-48-7	0.1	nd
4-Methylphenol	106-44-5	0.1	nd
Naphthalene	91-20-3	0.1	nd
2-Nitroaniline	88-74-4	0.5	nd
3-Nitroaniline	99-09-2	0.5	nd
4-Nitroaniline	100-01-6	0.2	nd
Nitrobenzene	98-95-3	0.1	nd
2-Nitrophenol	88-75-5	0.1	nd
4-Nitrophenol	100-02-7	0.5	nd
N-Nitrosodimethylamine	62-75-9	0.2	nd
N-Nitrosodiphenylamine	86-30-6	0.1	nd
N-Nitrosodi-n-propylamine	621-64-7	0.1	nd
Pentachlorophenol	87-86-5	0.5	nd
Phenanthrene	85-01-8	0.1	nd
Phenol	108-95-2	0.1	nd
Pyrene	129-00-0	0.1	nd
1,2,4-Trichlorobenzene	120-82-1	0.1	nd
2,4,5-Trichlorophenol	95-95-4	0.1	nd
2,4,6-Trichlorophenol	88-06-2	0.1	nd

Surrogates:

2-Fluorophenol	<u>115%</u>
Phenol-d5	<u>112%</u>
Nitrobenzene-d5	<u>60%</u>
2-Fluorobiphenyl	<u>45%</u>
2,4,6-Tribromophenol	<u>100%</u>
Terphenyl-d14	<u>31%</u>

Dilution

1

Sincerely:

Jerry Richardson, Laboratory Manager

44005

5121 69th St., Suite A-7, Lubbock, TX 79424
Ph (806) 806-798-9882, Fax (806) 798-8434

**Hall Environmental
Analysis Laboratory**

Client:	I T Corporation	Date Collected:	1/26/01
Project:	Gulfco Marine	Date Received:	1/29/01
Project Manager:	Steve Huddleson	Sample Matrix:	Aqueous
Project Number:	821842	Units:	ppb (ug/l)
		Extraction Date:	2/1/01

EPA Method - 8270 (page 1)

Client ID:	PW-1
HEAL#:	0101339-1
Analysis Date:	2/7/01

<u>Compound</u>	<u>CAS #</u>	<u>MRL</u>	<u>Result</u>
Acenaphthene	83-32-9	10	nd
Acenaphthylene	208-96-8	10	nd
Aniline	62-53-3	10	nd
Anthracene	120-12-7	10	nd
Benzidine	92-87-5	20	nd
Benzo(a)anthracene	56-55-3	10	nd
Benzo(b)fluoranthene	205-99-2	10	nd
Benzo(k)fluoranthene	207-08-9	10	nd
Benzoic acid	65-85-0	50	nd
Benzo(g,h,i)perlyene	191-24-2	10	nd
Benzo(a)pyrene	50-32-8	10	nd
Benzyl alcohol	100-51-6	20	nd
Bis(2-chloroethoxy)methane	111-91-1	10	nd
Bis(2-chloroethyl)ether	111-44-4	10	nd
Bis(2-chloroisopropyl)ether	108-60-1	10	nd
Bis(2-ethylhexyl)phthalate	117-81-7	10	nd
4-Bromophenyl phenyl ether	101-55-3	10	nd
Butylbenzyl phthalate	85-68-7	10	nd
4-Chloroaniline	106-47-8	20	nd
4-Chloro-3-methyl phenol	59-50-7	20	nd
2-Chloronaphthalene	91-58-7	10	nd
2-Chlorophenol	95-57-8	10	nd
4-Chlorophenyl phenyl ether	7005-72-3	10	nd
Chrysene	218-01-9	10	nd
Dibenz(a,h)anthracene	53-70-3	10	nd
Dibenzofuran	132-64-9	10	nd
Di-n-butyl phthalate	84-74-2	10	nd
1,2-Dichlorobenzene	95-50-1	10	nd
1,3-Dichlorobenzene	541-73-1	10	nd
1,4-Dichlorobenzene	106-46-7	10	nd
2,4-Dichlorophenol	120-83-2	10	nd
2,6-Dichlorophenol	87-65-0	10	nd
Diethyl phthalate	84-66-2	10	nd
2,4-Dimethylphenol	105-67-9	10	nd
Dimethyl phthalate	131-11-3	10	nd

(Continued)

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EPA Method - 8270 (page 2)

Client ID: PW-1
 HEAL#: 0101339-1
 Analysis Date: 2/7/01

<u>Compound</u>	<u>CAS #</u>	<u>MRL</u>	
4,6-Dinitro-2-methylphenol	534-52-1	50	nd
2,4-Dinitrophenol	51-28-5	50	nd
Di-n-octyl phthalate	117-84-0	10	nd
Fluoranthene	206-44-0	10	nd
Fluorene	86-73-7	10	nd
Hexachlorobenzene	118-74-1	10	nd
Hexachlorobutadiene	87-68-3	10	nd
Hexachlorocyclopentadiene	77-47-4	10	nd
Hexachloroethane	67-72-1	10	nd
Indeno(1,2,3-cd)pyrene	193-39-5	10	nd
Isophorone	78-59-1	10	nd
2-Methylnaphthalene	91-57-6	10	27.5
2-Methylphenol	95-48-7	10	nd
4-Methylphenol	106-44-5	10	nd
Naphthalene	91-20-3	10	92.4
2-Nitroaniline	88-74-4	50	nd
3-Nitroaniline	99-09-2	50	nd
4-Nitroaniline	100-01-6	20	nd
Nitrobenzene	98-95-3	10	nd
2-Nitrophenol	88-75-5	10	nd
4-Nitrophenol	100-02-7	50	nd
N-Nitrosodimethylamine	62-75-9	20	nd
N-Nitrosodiphenylamine	86-30-6	10	nd
N-Nitrosodi-n-propylamine	621-64-7	10	nd
Pentachlorophenol	87-86-5	50	nd
Phenanthrene	85-01-8	10	nd
Phenol	108-95-2	10	nd
Pyrene	129-00-0	10	nd
1,2,4-Trichlorobenzene	120-82-1	10	nd
2,4,5-Trichlorophenol	95-95-4	10	nd
2,4,6-Trichlorophenol	88-06-2	10	nd

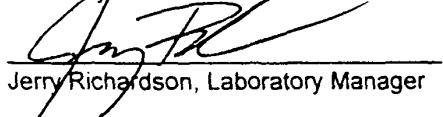
Surrogates:

2-Fluorophenol	<u>113%</u>
Phenol-d5	<u>88%</u>
Nitrobenzene-d5	<u>82%</u>
2-Fluorobiphenyl	<u>67%</u>
2,4,6-Tribromophenol	<u>78%</u>
Terphenyl-d14	<u>68%</u>

Dilution

1

Sincerely,



Jerry Richardson

Jerry Richardson, Laboratory Manager

5121 69th St., Suite A-7, Lubbock, TX 79424
 Ph (806) 806-798-9882, Fax (806) 798-8434


**Hall Environmental
Analysis Laboratory**

Client:	I T Corporation	Date Collected:	1/26/01
Project:	Gulfco Marine	Date Received:	1/29/01
Project Manager:	Steve Huddleson	Sample Matrix:	Aqueous
Project Number:	821842	Units:	ppb (ug/l)
		Extraction Date:	2/2/01

EPA Method - 8081/8082

<u>Compound</u>	<u>CAS #</u>	<u>MDL</u>	<u>Result</u>
Aldrin	309-00-2	0.02	nd
a-BHC	319-84-6	0.02	nd
b-BHC	319-85-7	0.02	nd
d-BHC	58-89-9	0.05	nd
g-BHC	319-86-8	0.02	nd
a-Chlordane	5103-71-9	0.02	nd
g-Chlordane	5103-74-2	0.02	nd
4,4'-DDD	72-54-8	0.02	nd
4,4'-DDE	72-55-9	0.02	nd
4,4'-DDT	50-29-3	0.02	nd
Dieldrin	60-57-1	0.02	nd
Endosulfan I	959-98-9	0.02	nd
Endosulfan II	33213-65-9	0.02	nd
Endosulfan Sulfate	1031-07-8	0.05	nd
Endrin	72-20-8	0.02	nd
Endrin Aldehyde	7421-93-4	0.05	nd
Endrin Ketone	53494-70-5	0.05	nd
Heptachlor	76-44-8	0.02	nd
Heptachlor epoxide	1024-57-3	0.05	nd
Methoxychlor	72-43-5	0.10	nd
Toxaphene*	8001-35-2	1.0	nd
Chlordane (Technical)*	57-74-9	1.0	nd
Arochlor 1016*	12674-11-2	1.0	nd
Arochlor 1221*	11104-28-2	1.0	nd
Arochlor 1232*	11141-16-5	1.0	nd
Arochlor 1242*	53469-21-9	1.0	nd
Arochlor 1248*	12672-29-6	1.0	nd
Arochlor 1254*	11097-69-1	1.0	nd
Arochlor 1260*	11096-82-5	1.0	nd
TCMX (Surrogate)		71%	
Dilution		1	

* Analytes are multi-component mixtures.

Sincerely:


 Jerry Richardson
 Laboratory Manager

5121 69th St., Suite A-7, Lubbock, TX 79424
 Ph (806) 798-9882, Fax (806) 798-8434

**Hall Environmental
Analysis Laboratory**

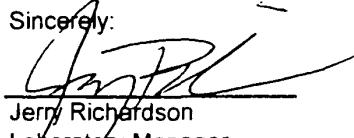
Client:	I T Corporation	Date Collected:	1/26/01
Project:	Gulfco Marine	Date Received:	1/29/01
Project Manager:	Steve Huddleson	Sample Matrix:	Aqueous
Project Number:	821842	Units:	ppm (mg/kg)
		Extraction Date:	2/9/01

EPA Method - 8081/8082

Compound	CAS #	MDL	Result
Aldrin	309-00-2	0.0002	nd
a-BHC	319-84-6	0.0002	nd
b-BHC	319-85-7	0.0002	nd
d-BHC	58-89-9	0.0005	nd
g-BHC	319-86-8	0.0002	nd
a-Chlordane	5103-71-9	0.0002	nd
g-Chlordane	5103-74-2	0.0002	nd
4,4'-DDD	72-54-8	0.0002	nd
4,4'-DDE	72-55-9	0.0002	nd
4,4'-DDT	50-29-3	0.0002	nd
Dieldrin	60-57-1	0.0002	nd
Endosulfan I	959-98-9	0.0002	nd
Endosulfan II	33213-65-9	0.0002	nd
Endosulfan Sulfate	1031-07-8	0.0005	nd
Endrin	72-20-8	0.0002	nd
Endrin Aldehyde	7421-93-4	0.0005	nd
Endrin Ketone	53494-70-5	0.0005	nd
Heptachlor	76-44-8	0.0002	nd
Heptachlor epoxide	1024-57-3	0.0005	nd
Methoxychlor	72-43-5	0.10	nd
Toxaphene*	8001-35-2	0.01	nd
Chlordane (Technical)*	57-74-9	0.01	nd
Arochlor 1016*	12674-11-2	0.01	nd
Arochlor 1221*	11104-28-2	0.05	nd
Arochlor 1232*	11141-16-5	0.01	nd
Arochlor 1242*	53469-21-9	0.01	nd
Arochlor 1248*	12672-29-6	0.01	nd
Arochlor 1254*	11097-69-1	0.01	nd
Arochlor 1260*	11096-82-5	0.01	nd
TCMX (Surrogate)		66%	
Dilution		1	

* Analytes are multi-component mixtures.

Sincerely:


Jerry Richardson
Laboratory Manager

44000

5121 69th St., Suite A-7, Lubbock, TX 79424
Ph (806) 798-9882, Fax (806) 798-8434

ASK Laboratories, Inc.

Analytical Services Kwik.

Order # 01-02-042
02/20/01 09:15

ASK LABORATORIES, INC.

Page 2

TEST RESULTS BY SAMPLE

Sample: 01A PW-1

Collected: 01/26/01

<u>Test Description</u>	<u>Result</u>	<u>RL</u>	<u>Units</u>	<u>Analyzed</u>	<u>By</u>
ALUMINUM	4.40	0.2	mg/l	02/14/01	KDJ
ANTIMONY	<0.05	0.05	mg/l	02/14/01	KDJ
ARSENIC	<0.05	0.05	mg/l	02/14/01	KDJ
BARIUM	0.100	0.005	mg/l	02/14/01	KDJ
BERYLLIUM	<0.005	0.005	mg/l	02/14/01	KDJ
CADMUM	<0.007	0.007	mg/l	02/14/01	KDJ
CALCIUM	431	1.1	mg/l	02/17/01	ADK
CHROMIUM	<0.01	0.01	mg/l	02/14/01	KDJ
COBALT	<0.01	0.01	mg/l	02/14/01	KDJ
COPPER	0.02	0.01	mg/l	02/14/01	KDJ
IRON	7.86	0.20	mg/l	02/14/01	KDJ
LEAD	<0.025	0.025	mg/l	02/14/01	KDJ
MAGNESIUM	720	0.50	mg/l	02/17/01	ADK
MANGANESE	2.26	0.005	mg/l	02/17/01	ADK
NICKEL	<0.01	0.01	mg/l	02/14/01	KDJ
POTASSIUM	84.1	1.0	mg/l	02/17/01	ADK
SELENIUM	<0.03	0.03	mg/l	02/14/01	KDJ
SILVER	<0.01	0.01	mg/l	02/14/01	KDJ
SODIUM	6190	1.0	mg/l	02/17/01	ADK
THALLIUM	<0.08	0.08	mg/l	02/14/01	KDJ
VANADIUM	<0.01	0.01	mg/l	02/14/01	KDJ
ZINC	0.10	0.02	mg/l	02/14/01	KDJ

SAMPLE WAS DILUTED 1:100 FOR SODIUM ANALYSIS, ADDITIONAL
1:4 DILUTION TEST WAS NOT PERFORMED FOR MATRIX VERIFICATION.
OTHER CONSTITUENTS PASS 1:4 DILUTION TEST WHERE APPROPRIATE.

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Toll Free 1-800-423-9443
Facsimile (806) 352-^*54

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ASK Laboratories, Inc.

Analytical Services Kwik!

Order # 01-02-042

02/20/01 09:15

ASK LABORATORIES, INC.

Page 3

TEST RESULTS BY SAMPLE

Sample: 02A SO-1

Collected: 01/26/01

<u>Test Description</u>	<u>Result</u>	<u>RL</u>	<u>Units</u>	<u>Analyzed</u>	<u>By</u>
ALUMINUM	7129	22.0	mg/kg	02/14/01	KDJ
ANTIMONY	<10.0	10.0	mg/kg	02/14/01	KDJ
ARSENIC	<40.0	40.0	mg/kg	02/14/01	KDJ
BARIUM	68.8	1.0	mg/kg	02/14/01	KDJ
BERYLLIUM	<1.0	1.0	mg/kg	02/14/01	KDJ
CADMUM	<0.50	0.50	mg/kg	02/14/01	KDJ
CALCIUM	19720	100	mg/kg	02/14/01	KDJ
CHROMIUM	7.2	2.0	mg/kg	02/14/01	KDJ
COBALT	<10.0	10.0	mg/kg	02/14/01	KDJ
COPPER	5.1	2.0	mg/kg	02/14/01	KDJ
IRON	9075	3.0	mg/kg	02/14/01	KDJ
LEAD	<10.0	10.0	mg/kg	02/14/01	KDJ
MAGNESIUM	5733	100	mg/kg	02/14/01	KDJ
MANGANESE	124	2.0	mg/kg	02/14/01	KDJ
NICKEL	7.8	2.0	mg/kg	02/14/01	KDJ
POTASSIUM	2033	600	mg/kg	02/14/01	KDJ
SELENIUM	<3.0	3.0	mg/kg	02/14/01	KDJ
SILVER	<1.0	1.0	mg/kg	02/14/01	KDJ
SODIUM	3455	10.0	mg/kg	02/14/01	KDJ
THALLIUM	<6.0	6.0	mg/kg	02/14/01	KDJ
VANADIUM	3.2	1.0	mg/kg	02/14/01	KDJ
ZINC	20.2	1.0	mg/kg	02/14/01	KDJ

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Amarillo, Texas 79109

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41044
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**Hall Environmental
Analysis Laboratory**

Client: I T Corporation **Date Collected:** 1/26/01
Project: Gulfco Marine **Date Received:** 1/29/01
Project Manager: Steve Huddleson **Sample Matrix:** Aqueous
Project Number: 821842 **Extraction Date:** Na

EPA Method - 8260 (page 1)
Units PPB (ug/l)

Client ID: Trip Blank
HEAL#: 0101339-3
Analysis Date: 2/9/01

<u>Compound</u>	<u>CAS NO.</u>	<u>MDL</u>	<u>Result</u>
Benzene	71-43-2	1.0	nd
Bromobenzene	108-86-1	1.0	nd
Bromoform	74-97-5	1.0	nd
Bromochloromethane	75-27-4	1.0	nd
Bromodichloromethane	75-25-2	1.0	nd
Bromomethane	74-83-9	1.0	nd
n-Butylbenzene	104-51-8	1.0	nd
sec-Butylbenzene	135-98-8	1.0	nd
tert-Butylbenzene	98-06-6	1.0	nd
Carbon Tetracholride	56-23-5	1.0	nd
Chlorobenzene	108-90-7	1.0	nd
Chloroethane	75-00-3	2.0	nd
Chloroform	67-66-3	1.0	nd
Chloromethane	74-87-3	1.0	nd
2-Chlorotoluene	95-49-8	1.0	nd
4-Chlorotoluene	106-43-4	1.0	nd
Dibromochloromethane	124-48-1	1.0	nd
1,2-Dibromo-3-chloropropane	96-12-8	2.0	nd
1,2-Dibromoethane (EDB)	106-93-4	1.0	nd
Dibromomethane	74-95-3	2.0	nd
1,2-Dichlorobenzene	95-50-1	1.0	nd
1,3-Dichlorobenzene	541-73-1	1.0	nd
1,4-Dichlorobenzene	106-46-7	1.0	nd
Dichlorodifluoromethane	75-71-8	1.0	nd
1,1-Dichloroethane	75-34-3	1.0	nd
1,2-Dichloroethane (EDC)	107-06-2	1.0	nd
1,1-Dichloroethene	75-35-4	1.0	nd
1,2-Dichloroethene (Cis)	156-59-2	1.0	nd
1,2-Dichloroethene (Trans)	156-60-5	1.0	nd
Dichloromethane	75-09-2	3.0	nd
1,2-Dichloropropane	78-87-5	1.0	nd
1,3-Dichloropropane	142-28-9	1.0	nd
2,2-Dichloropropane	594-20-7	1.0	nd

(Continued)
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11010

EPA Method - 8260 (page 2)

Client ID: **Trip Blank**
HEAL#: 0101339-3
Analysis Date: 2/9/01

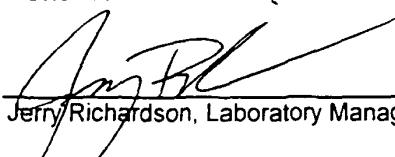
<u>Compound</u>	<u>CAS NO.</u>	<u>MDL</u>	<u>Result</u>
1,1-Dichloropropene	563-58-6	1.0	nd
cis-1,3-Dichloropropene	10061-01-5	1.0	nd
trans-1,3-Dichloropropene	10061-02-6	1.0	nd
Ethylbenzene	100-41-4	1.0	nd
Hexachlorobutadiene	87-68-3	1.0	nd
Isopropylbenzene	98-82-8	1.0	nd
4-Isopropyltoluene	99-87-6	1.0	nd
Naphthalene	91-20-3	2.0	nd
n-propylbenzene	103-65-1	1.0	nd
Styrene	100-42-5	1.0	nd
1,1,1,2-Tetrachloroethane	630-20-6	1.0	nd
1,1,2,2-Tetrachloroethane	79-34-5	1.0	nd
Tetrachloroethene (PCE)	127-18-4	1.0	nd
Toluene	108-88-3	1.0	nd
1,2,3-Trichlorobenzene	87-61-6	1.0	nd
1,2,4-Trichlorobenzene	120-82-1	1.0	nd
1,1,1-Trichloroethane	71-55-6	1.0	nd
1,1,2-Trichloroethane	79-00-5	1.0	nd
Trichloroethene (TCE)	79-01-6	1.0	nd
Trichlorofluoromethane	75-69-4	1.0	nd
1,2,3-Trichloropropane	96-18-4	2.0	nd
1,2,4-Trimethylbenzene	95-63-6	1.0	nd
1,3,5-Trimethylbenzene	108-67-8	1.0	nd
Vinyl Chloride	75-01-4	2.0	nd
Xylenes (Total)	1330-20-7	1.0	nd
MTBE	1634-04-4	1.0	nd

Surrogates:

DBFM Recovery	<u>104%</u>
1,2-DCA-d4 Recovery	<u>93%</u>
d8-Toluene Recovery	<u>112%</u>
BFB Recovery	<u>103%</u>

Dilution 1

Reviewed:



Jerry Richardson, Laboratory Manager

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**Hall Environmental
Analysis Laboratory**

Client:	I T Corporation	Date Collected:	1/26/01
Project:	Gulfco Marine	Date Received:	1/29/01
Project Manager:	Steve Huddleson	Sample Matrix:	Aqueous
Project Number:	821842	Extraction Date:	Na

EPA Method - 8260 (page 1)
Units PPB (ug/l)

Client ID:	N/A
HEAL#:	Rgn1 Blk 2/9
Analysis Date:	2/9/01

<u>Compound</u>	<u>CAS NO.</u>	<u>MDL</u>	<u>Result</u>
Benzene	71-43-2	1.0	nd
Bromobenzene	108-86-1	1.0	nd
Bromochloromethane	74-97-5	1.0	nd
Bromodichloromethane	75-27-4	1.0	nd
Bromoform	75-25-2	1.0	nd
Bromomethane	74-83-9	1.0	nd
n-Butylbenzene	104-51-8	1.0	nd
sec-Butylbenzene	135-98-8	1.0	nd
tert-Butylbenzene	98-06-6	1.0	nd
Carbon Tetracholride	56-23-5	1.0	nd
Chlorobenzene	108-90-7	1.0	nd
Chloroethane	75-00-3	2.0	nd
Chloroform	67-66-3	1.0	nd
Chloromethane	74-87-3	1.0	nd
2-Chlorotoluene	95-49-8	1.0	nd
4-Chlorotoluene	106-43-4	1.0	nd
Dibromochloromethane	124-48-1	1.0	nd
1,2-Dibromo-3-chloropropane	96-12-8	2.0	nd
1,2-Dibromoethane (EDB)	106-93-4	1.0	nd
Dibromomethane	74-95-3	2.0	nd
1,2-Dichlorobenzene	95-50-1	1.0	nd
1,3-Dichlorobenzene	541-73-1	1.0	nd
1,4-Dichlorobenzene	106-46-7	1.0	nd
Dichlorodifluoromethane	75-71-8	1.0	nd
1,1-Dichloroethane	75-34-3	1.0	nd
1,2-Dichloroethane (EDC)	107-06-2	1.0	nd
1,1-Dichloroethene	75-35-4	1.0	nd
1,2-Dichloroethene (Cis)	156-59-2	1.0	nd
1,2-Dichloroethene (Trans)	156-60-5	1.0	nd
Dichloromethane	75-09-2	3.0	nd
1,2-Dichloropropane	78-87-5	1.0	nd
1,3-Dichloropropane	142-28-9	1.0	nd
2,2-Dichloropropane	594-20-7	1.0	nd

(Continued)
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EPA Method - 8260 (page 2)

Client ID: **N/A**
HEAL#: Rgnt Blk 2/9
Analysis Date: 2/9/01

<u>Compound</u>	<u>CAS NO.</u>	<u>MDL</u>	<u>Result</u>
1,1-Dichloropropene	563-58-6	1.0	nd
cis-1,3-Dichloropropene	10061-01-5	1.0	nd
trans-1,3-Dichloropropene	10061-02-6	1.0	nd
Ethylbenzene	100-41-4	1.0	nd
Hexachlorobutadiene	87-68-3	1.0	nd
Isopropylbenzene	98-82-8	1.0	nd
4-Isopropyltoluene	99-87-6	1.0	nd
Naphthalene	91-20-3	2.0	nd
n-propylbenzene	103-65-1	1.0	nd
Styrene	100-42-5	1.0	nd
1,1,1,2-Tetrachloroethane	630-20-6	1.0	nd
1,1,2,2-Tetrachloroethane	79-34-5	1.0	nd
Tetrachloroethene (PCE)	127-18-4	1.0	nd
Toluene	108-88-3	1.0	nd
1,2,3-Trichlorobenzene	87-61-6	1.0	nd
1,2,4-Trichlorobenzene	120-82-1	1.0	nd
1,1,1-Trichloroethane	71-55-6	1.0	nd
1,1,2-Trichloroethane	79-00-5	1.0	nd
Trichloroethene (TCE)	79-01-6	1.0	nd
Trichlorofluoromethane	75-69-4	1.0	nd
1,2,3-Trichloropropane	96-18-4	2.0	nd
1,2,4-Trimethylbenzene	95-63-6	1.0	nd
1,3,5-Trimethylbenzene	108-67-8	1.0	nd
Vinyl Chloride	75-01-4	2.0	nd
Xylenes (Total)	1330-20-7	1.0	nd
MTBE	1634-04-4	1.0	nd

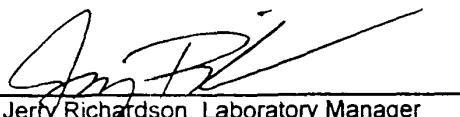
Surrogates:

DBFM Recovery	<u>102%</u>
1,2-DCA-d4 Recovery	<u>93%</u>
d8-Toluene Recovery	<u>108%</u>
BFB Recovery	<u>98%</u>

Dilution

1

Reviewed:



Jerry Richardson, Laboratory Manager

44947

5121 69th St., Suite A-7, Lubbock, TX 79424
Ph(806)798-9882, Fax(806)798-8434

**Hall Environmental
Analysis Laboratory**

Client:	I T Corporation	Date Collected:	1/26/01
Project:	Gulfco Marine	Date Received:	1/29/01
Project Manager:	Steve Huddleson	Sample Matrix:	Soil
Project Number:	821842	Extraction Date:	2/5/01

EPA Method - 8260 (page 1)
Units PPM mg/kg

<u>Compound</u>	<u>CAS NO.</u>	<u>MDL</u>	<u>Result</u>
Benzene	71-43-2	0.05	nd
Bromobenzene	108-86-1	0.05	nd
Bromochloromethane	74-97-5	0.05	nd
Bromodichloromethane	75-27-4	0.05	nd
Bromoform	75-25-2	0.05	nd
Bromomethane	74-83-9	0.05	nd
n-Butylbenzene	104-51-8	0.05	nd
sec-Butylbenzene	135-98-8	0.05	nd
tert-Butylbenzene	98-06-6	0.05	nd
Carbon Tetracholride	56-23-5	0.05	nd
Chlorobenzene	108-90-7	0.05	nd
Chloroethane	75-00-3	0.10	nd
Chloroform	67-66-3	0.05	nd
Chloromethane	74-87-3	0.05	nd
2-Chlorotoluene	95-49-8	0.05	nd
4-Chlorotoluene	106-43-4	0.05	nd
Dibromochloromethane	124-48-1	0.05	nd
1,2-Dibromo-3-chloropropane	96-12-8	0.10	nd
1,2-Dibromoethane (EDB)	106-93-4	0.05	nd
Dibromomethane	74-95-3	0.10	nd
1,2-Dichlorobenzene	95-50-1	0.05	nd
1,3-Dichlorobenzene	541-73-1	0.05	nd
1,4-Dichlorobenzene	106-46-7	0.05	nd
Dichlorodifluoromethane	75-71-8	0.05	nd
1,1-Dichloroethane	75-34-3	0.05	nd
1,2-Dichloroethane (EDC)	107-06-2	0.05	nd
1,1-Dichloroethene	75-35-4	0.05	nd
1,2-Dichloroethene (Cis)	156-59-2	0.05	nd
1,2-Dichloroethene (Trans)	156-60-5	0.05	nd
Dichloromethane	75-09-2	0.15	nd
1,2-Dichloropropane	78-87-5	0.05	nd
1,3-Dichloropropane	142-28-9	0.05	nd
2,2-Dichloropropane	594-20-7	0.05	nd

(Continued)
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EPA Method - 8260 (page 2)

Client ID: **NA**
HEAL#: **Ext Blk 2/5**
Analysis Date: **2/9/01**

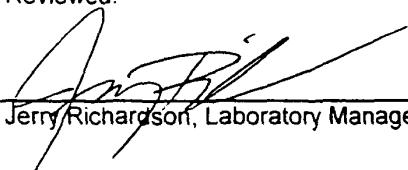
<u>Compound</u>	<u>CAS NO.</u>	<u>MDL</u>	<u>Result</u>
1,1-Dichloropropene	563-58-6	0.05	nd
cis-1,3-Dichloropropene	10061-01-5	0.05	nd
trans-1,3-Dichloropropene	10061-02-6	0.05	nd
Ethylbenzene	100-41-4	0.05	nd
Hexachlorobutadiene	87-68-3	0.05	nd
Isopropylbenzene	98-82-8	0.05	nd
4-Isopropyltoluene	99-87-6	0.05	nd
Naphthalene	91-20-3	0.10	nd
n-propylbenzene	103-65-1	0.05	nd
Styrene	100-42-5	0.05	nd
1,1,1,2-Tetrachloroethane	630-20-6	0.05	nd
1,1,2,2-Tetrachloroethane	79-34-5	0.05	nd
Tetrachloroethene (PCE)	127-18-4	0.05	nd
Toluene	108-88-3	0.05	nd
1,2,3-Trichlorobenzene	87-61-6	0.05	nd
1,2,4-Trichlorobenzene	120-82-1	0.05	nd
1,1,1-Trichloroethane	71-55-6	0.05	nd
1,1,2-Trichloroethane	79-00-5	0.05	nd
Trichloroethene (TCE)	79-01-6	0.05	nd
Trichlorofluoromethane	75-69-4	0.05	nd
1,2,3-Trichloropropane	96-18-4	0.10	nd
1,2,4-Trimethylbenzene	95-63-6	0.05	nd
1,3,5-Trimethylbenzene	108-67-8	0.05	nd
Vinyl Chloride	75-01-4	0.10	nd
Xylenes (Total)	1330-20-7	0.05	nd
MTBE	1634-04-4	0.10	nd

Surrogates:

DBFM Recovery	<u>99%</u>
1,2-DCA-d4 Recovery	<u>86%</u>
d8-Toluene Recovery	<u>96%</u>
BFB Recovery	<u>108%</u>

Dilution **1**

Reviewed:



Jerry Richardson, Laboratory Manager

5121 69th St., Suite A-7, Lubbock, TX 79424
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**Hall Environmental
Analysis Laboratory**

Client:	I T Corporation	Date Collected:	1/26/01
Project:	Gulfco Marine	Date Received:	1/29/01
Project Manager:	Steve Huddleson	Sample Matrix:	Soil
Project Number:	821842	Units:	ppm (mg/kg)

Extraction Date: 2/9/01

EPA Method - 8270 (page 1)

Client ID:	N/A
HEAL#:	Ext Blk 2/9
Analysis Date:	2/15/01

<u>Compound</u>	<u>CAS #</u>	<u>MDL</u>	
Acenaphthene	83-32-9	0.1	nd
Acenaphthylene	208-96-8	0.1	nd
Aniline	62-53-3	0.1	nd
Anthracene	120-12-7	0.1	nd
Benzidine	92-87-5	0.2	nd
Benzo(a)anthracene	56-55-3	0.1	nd
Benzo(b)fluoranthene	205-99-2	0.1	nd
Benzo(k)fluoranthene	207-08-9	0.1	nd
Benzoic acid	65-85-0	0.5	nd
Benzo(g,h,i)perlyene	191-24-2	0.1	nd
Benzo(a)pyrene	50-32-8	0.1	nd
Benzyl alcohol	100-51-6	0.2	nd
Bis(2-chloroethoxy)methane	111-91-1	0.1	nd
Bis(2-chloroethyl)ether	111-44-4	0.1	nd
Bis(2-chloroisopropyl)ether	108-60-1	0.1	nd
Bis(2-ethylhexyl)phthalate	117-81-7	0.1	nd
4-Bromophenyl phenyl ether	101-55-3	0.1	nd
Butylbenzyl phthalate	85-68-7	0.1	nd
4-Chloroaniline	106-47-8	0.2	nd
4-Chloro-3-methyl phenol	59-50-7	0.2	nd
2-Chloronaphthalene	91-58-7	0.1	nd
2-Chlorophenol	95-57-8	0.1	nd
4-Chlorophenyl phenyl ether	7005-72-3	0.1	nd
Chrysene	218-01-9	0.1	nd
Dibenz(a,h)anthracene	53-70-3	0.1	nd
Dibenzofuran	132-64-9	0.1	nd
Di-n-butyl phthalate	84-74-2	0.1	nd
1,2-Dichlorobenzene	95-50-1	0.1	nd
1,3-Dichlorobenzene	541-73-1	0.1	nd
1,4-Dichlorobenzene	106-46-7	0.1	nd
2,4-Dichlorophenol	120-83-2	0.1	nd
2,6-Dichlorophenol	87-65-0	0.1	nd
Diethyl phthalate	84-66-2	0.1	nd
2,4-Dimethylphenol	105-67-9	0.1	nd
Dimethyl phthalate	131-11-3	0.1	nd

(Continued)

5121 69th St., Suite A-7, Lubbock, TX 79424
Ph (806) 806-798-9882, Fax (806) 798-8434

EPA Method - 8270 (page 2)

Client ID: **N/A**
 HEAL#: Ext Blk 2/9
 Analysis Date: 2/15/01

<u>Compound</u>	<u>CAS #</u>	<u>MDL</u>	
4,6-Dinitro-2-methylphenol	534-52-1	0.5	nd
2,4-Dinitrophenol	51-28-5	0.5	nd
Di-n-octyl phthalate	117-84-0	0.1	nd
Fluoranthene	206-44-0	0.1	nd
Fluorene	86-73-7	0.1	nd
Hexachlorobenzene	118-74-1	0.1	nd
Hexachlorobutadiene	87-68-3	0.1	nd
Hexachlorocyclopentadiene	77-47-4	0.1	nd
Hexachloroethane	67-72-1	0.1	nd
Indeno(1,2,3-cd)pyrene	193-39-5	0.1	nd
Isophorone	78-59-1	0.1	nd
2-Methylnaphthalene	91-57-6	0.1	nd
2-Methylphenol	95-48-7	0.1	nd
4-Methylphenol	106-44-5	0.1	nd
Naphthalene	91-20-3	0.1	nd
2-Nitroaniline	88-74-4	0.5	nd
3-Nitroaniline	99-09-2	0.5	nd
4-Nitroaniline	100-01-6	0.2	nd
Nitrobenzene	98-95-3	0.1	nd
2-Nitrophenol	88-75-5	0.1	nd
4-Nitrophenol	100-02-7	0.5	nd
N-Nitrosodimethylamine	62-75-9	0.2	nd
N-Nitrosodiphenylamine	86-30-6	0.1	nd
N-Nitrosodi-n-propylamine	621-64-7	0.1	nd
Pentachlorophenol	87-86-5	0.5	nd
Phenanthrene	85-01-8	0.1	nd
Phenol	108-95-2	0.1	nd
Pyrene	129-00-0	0.1	nd
1,2,4-Trichlorobenzene	120-82-1	0.1	nd
2,4,5-Trichlorophenol	95-95-4	0.1	nd
2,4,6-Trichlorophenol	88-06-2	0.1	nd

Surrogates:

2-Fluorophenol	<u>123%</u>
Phenol-d5	<u>125%</u>
Nitrobenzene-d5	<u>61%</u>
2-Fluorobiphenyl	<u>57%</u>
2,4,6-Tribromophenol	<u>71%</u>
Terphenyl-d14	<u>33%</u>

Dilution

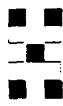
1

Sincerely:



Jerry Richardson, Laboratory Manager

5121 69th St., Suite A-7, Lubbock, TX 79424
 Ph (806) 806-798-9882, Fax (806) 798-8434



Hall Environmental Analysis Laboratory

Client: IT Corp **Date Collected:** 1/22,23/01
Project: Brownsville - Furfural **Date Received:** 1/24/01
Project Manager: Steve Huddleson **Sample Matrix:** Aqueous
Project Number: 820177 **Units:** ppb (ug/l)
 Extraction Date: 1/29/01

EPA Method - 8270 (page 1)

Client ID:	N/A
HEAL#:	Ext Blk 2/1
Analysis Date:	2/7/01

<u>Compound</u>	<u>CAS #</u>	<u>MRL</u>	<u>Result</u>
Acenaphthene	83-32-9	10	nd
Acenaphthylene	208-96-8	10	nd
Aniline	62-53-3	10	nd
Anthracene	120-12-7	10	nd
Benzidine	92-87-5	20	nd
Benzo(a)anthracene	56-55-3	10	nd
Benzo(b)fluoranthene	205-99-2	10	nd
Benzo(k)fluoranthene	207-08-9	10	nd
Benzoic acid	65-85-0	50	nd
Benzo(g,h,i)perlyene	191-24-2	10	nd
Benzo(a)pyrene	50-32-8	10	nd
Benzyl alcohol	100-51-6	20	nd
Bis(2-chloroethoxy)methane	111-91-1	10	nd
Bis(2-chloroethyl)ether	111-44-4	10	nd
Bis(2-chloroisopropyl)ether	108-60-1	10	nd
Bis(2-ethylhexyl)phthalate	117-81-7	10	nd
4-Bromophenyl phenyl ether	101-55-3	10	nd
Butylbenzyl phthalate	85-68-7	10	nd
4-Chloroaniline	106-47-8	20	nd
4-Chloro-3-methyl phenol	59-50-7	20	nd
2-Chloronaphthalene	91-58-7	10	nd
2-Chlorophenol	95-57-8	10	nd
4-Chlorophenyl phenyl ether	7005-72-3	10	nd
Chrysene	218-01-9	10	nd
Dibenz(a,h)anthracene	53-70-3	10	nd
Dibenzofuran	132-64-9	10	nd
Di-n-butyl phthalate	84-74-2	10	nd
1,2-Dichlorobenzene	95-50-1	10	nd
1,3-Dichlorobenzene	541-73-1	10	nd
1,4-Dichlorobenzene	106-46-7	10	nd
2,4-Dichlorophenol	120-83-2	10	nd
2,6-Dichlorophenol	87-65-0	10	nd
Diethyl phthalate	84-66-2	10	nd
2,4-Dimethylphenol	105-67-9	10	nd
Dimethyl phthalate	131-11-3	10	nd

(Continued)

44050

5121 69th St., Suite A-7, Lubbock, TX 79424
 Ph (806) 806-798-9882, Fax (806) 798-8434

EPA Method - 8270 (page 2)

Client ID: N/A
HEAL#: Ext Blk 2/1
Analysis Date: 2/7/01

<u>Compound</u>	<u>CAS #</u>	<u>MRL</u>	
4,6-Dinitro-2-methylphenol	534-52-1	50	nd
2,4-Dinitrophenol	51-28-5	50	nd
Di-n-octyl phthalate	117-84-0	10	nd
Fluoranthene	206-44-0	10	nd
Fluorene	86-73-7	10	nd
Hexachlorobenzene	118-74-1	10	nd
Hexachlorobutadiene	87-68-3	10	nd
Hexachlorocyclopentadiene	77-47-4	10	nd
Hexachloroethane	67-72-1	10	nd
Indeno(1,2,3-cd)pyrene	193-39-5	10	nd
Isophorone	78-59-1	10	nd
2-Methylnaphthalene	91-57-6	10	nd
2-Methylphenol	95-48-7	10	nd
4-Methylphenol	106-44-5	10	nd
Naphthalene	91-20-3	10	nd
2-Nitroaniline	88-74-4	50	nd
3-Nitroaniline	99-09-2	50	nd
4-Nitroaniline	100-01-6	20	nd
Nitrobenzene	98-95-3	10	nd
2-Nitrophenol	88-75-5	10	nd
4-Nitrophenol	100-02-7	50	nd
N-Nitrosodimethylamine	62-75-9	20	nd
N-Nitrosodiphenylamine	86-30-6	10	nd
N-Nitrosodi-n-propylamine	621-64-7	10	nd
Pentachlorophenol	87-86-5	50	nd
Phenanthrene	85-01-8	10	nd
Phenol	108-95-2	10	nd
Pyrene	129-00-0	10	nd
1,2,4-Trichlorobenzene	120-82-1	10	nd
2,4,5-Trichlorophenol	95-95-4	10	nd
2,4,6-Trichlorophenol	88-06-2	10	nd

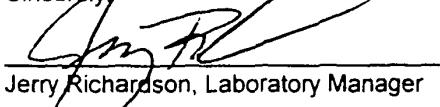
Surrogates:

2-Fluorophenol	<u>107%</u>
Phenol-d5	<u>102%</u>
Nitrobenzene-d5	<u>115%</u>
2-Fluorobiphenyl	<u>96%</u>
2,4,6-Tribromophenol	<u>100%</u>
Terphenyl-d14	<u>113%</u>

Dilution

1

Sincerely,



Jerry Richardson

Jerry Richardson, Laboratory Manager

11001

5121 69th St., Suite A-7, Lubbock, TX 79424
Ph (806) 806-798-9882, Fax (806) 798-8434

**■ ■ ■ Hall Environmental
Analysis Laboratory**

Client:	I T Corporation	Date Collected:	1/26/01
Project:	Gulfco Marine	Date Received:	1/29/01
Project Manager:	Steve Huddleson	Sample Matrix:	Aqueous
Project Number:	821842	Units:	ppb (ug/l)
		Extraction Date:	2/2/01

EPA Method - 8081/8082

<u>Compound</u>	<u>CAS #</u>	<u>MDL</u>	<u>Result</u>
Aldrin	309-00-2	0.02	nd
a-BHC	319-84-6	0.02	nd
b-BHC	319-85-7	0.02	nd
d-BHC	58-89-9	0.05	nd
g-BHC	319-86-8	0.02	nd
a-Chlordane	5103-71-9	0.02	nd
g-Chlordane	5103-74-2	0.02	nd
4,4'-DDD	72-54-8	0.02	nd
4,4'-DDE	72-55-9	0.02	nd
4,4'-DDT	50-29-3	0.02	nd
Dieldrin	60-57-1	0.02	nd
Endosulfan I	959-98-9	0.02	nd
Endosulfan II	33213-65-9	0.02	nd
Endosulfan Sulfate	1031-07-8	0.05	nd
Endrin	72-20-8	0.02	nd
Endrin Aldehyde	7421-93-4	0.05	nd
Endrin Ketone	53494-70-5	0.05	nd
Heptachlor	76-44-8	0.02	nd
Heptachlor epoxide	1024-57-3	0.05	nd
Methoxychlor	72-43-5	0.10	nd
Toxaphene*	8001-35-2	1.0	nd
Chlordane (Technical)*	57-74-9	1.0	nd
Arochlor 1016*	12674-11-2	1.0	nd
Arochlor 1221*	11104-28-2	1.0	nd
Arochlor 1232*	11141-16-5	1.0	nd
Arochlor 1242*	53469-21-9	1.0	nd
Arochlor 1248*	12672-29-6	1.0	nd
Arochlor 1254*	11097-69-1	1.0	nd
Arochlor 1260*	11096-82-5	1.0	nd
TCMX (Surrogate)		62%	
Dilution		1	

* Analytes are multi-component mixtures.

Sincerely:


 Jerry Richardson
 Laboratory Manager

5121 69th St., Suite A-7, Lubbock, TX 79424
 Ph (806) 798-9882, Fax (806) 798-8434



Hall Environmental Analysis Laboratory

Client: I T Corporation **Date Collected:** 1/26/01
Project: Gulfco Marine **Date Received:** 1/29/01
Project Manager: Steve Huddleson **Sample Matrix:** Aqueous
Project Number: 821842 **Units:** ppb (ug/l)
 Extraction Date: 2/9/01

EPA Method - 8081/8082

<u>Compound</u>	<u>CAS #</u>	<u>MDL</u>	<u>Result</u>
Aldrin	309-00-2	0.0002	nd
a-BHC	319-84-6	0.0002	nd
b-BHC	319-85-7	0.0002	nd
d-BHC	58-89-9	0.0005	nd
g-BHC	319-86-8	0.0002	nd
a-Chlordane	5103-71-9	0.0002	nd
g-Chlordane	5103-74-2	0.0002	nd
4,4'-DDD	72-54-8	0.0002	nd
4,4'-DDE	72-55-9	0.0002	nd
4,4'-DDT	50-29-3	0.0002	nd
Dieldrin	60-57-1	0.0002	nd
Endosulfan I	959-98-9	0.0002	nd
Endosulfan II	33213-65-9	0.0002	nd
Endosulfan Sulfate	1031-07-8	0.0005	nd
Endrin	72-20-8	0.0002	nd
Endrin Aldehyde	7421-93-4	0.0005	nd
Endrin Ketone	53494-70-5	0.0005	nd
Heptachlor	76-44-8	0.0002	nd
Heptachlor epoxide	1024-57-3	0.0005	nd
Methoxychlor	72-43-5	0.10	nd
Toxaphene*	8001-35-2	0.01	nd
Chlordane (Technical)*	57-74-9	0.01	nd
Arochlor 1016*	12674-11-2	0.01	nd
Arochlor 1221*	11104-28-2	0.05	nd
Arochlor 1232*	11141-16-5	0.01	nd
Arochlor 1242*	53469-21-9	0.01	nd
Arochlor 1248*	12672-29-6	0.01	nd
Arochlor 1254*	11097-69-1	0.01	nd
Arochlor 1260*	11096-82-5	0.01	nd
TCMX (Surrogate)		67%	
Dilution		1	

* Analytes are multi-component mixtures.

Sincerely:



Jerry Richardson
Laboratory Manager

5121 69th St., Suite A-7, Lubbock, TX 79424
Ph (806) 798-9882, Fax (806) 798-8434

ASK Laboratories, Inc.

Analytical Services Kwik.

**ASK LABORATORIES, INC.
5935 GLENOAK LANE
AMARILLO, TEXAS 79109**

**Attn: CUSTOMER SERVICES
Phone: (806) 353-4425**

HALL ENVIRONMENTAL ANALYSIS
5121 69TH ST
SUITE A-7
LUBBOCK, TX 79424
Attn: BRETT KENNEDY

Order #: 01-02-042
Date: 02/20/01 09:15
Work ID: HEAL #0101339-1, -2 GULFCO H.
Date Received: 02/07/01
Date Completed: 02/19/01

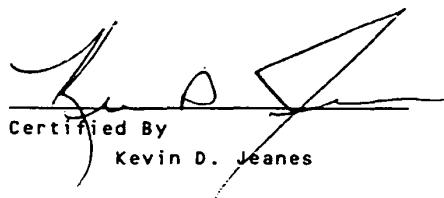
Purchase Order: PROJ 821842
Invoice Number:

Client Code: HALL_ENVIRON

SAMPLE IDENTIFICATION

Sample Number	Sample Description
01	PW-1

Sample Number	Sample Description
02	SO-1


Certified By
Kevin D. Jeanes

5935 Glenoak Lane
Amarillo, Texas 79109
Telephone (806) 353-4425
Toll Free 1-800-423-9443
Facsimile (806) 352-

41051

Legal Note: Liability and Damages. ASK Laboratories, Inc. liability and clients exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analysis. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by ASK Laboratories, Inc. within thirty days of the applicable service. In no event shall ASK Laboratories, Inc. be liable for incidental or consequential damages, including those without limitation, business interruption, loss of use, or loss of profits incurred by the client, its subsidiaries, affiliates, or successors arising out of or related to the performance of services rendered by ASK Laboratories, Inc. regardless of whether such claim is based upon any of the preceding stated reasons or otherwise.

CHAIN-OF-CUSTODY RECORD

Client: IT Corp

Project Name:

Address: 1311 NW 14th Street
Houston, TX 77010

Project #: 601210

Phone #: 713-771-4400

Sampler: Pak Mulyana

Fax #: 713-931-1510

Samples Cold?: Yes No

Date: 2/1/21 Time: 1:00 Relinquished By: (Signature) *[Signature]*

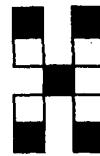
Received By: (Signature)

Remarks

Date:	Time:	Relinquished By: (Signature)
7-6-1	1815	BES

Received By: (Signature)

WED 10 OCT 1939



HALL ENVIRONMENTAL ANALYSIS

5121 69th St., Suite A-7

Lubbock, TX 79424

(806) 798-9882 • Fax (806) 798-8434

ANALYSIS REQUEST

Air Bubbles or Headspace (Y or N)

ASK Laboratories, Inc.

Analytical Services Kwik!

Page 4

Order # 01-02-042
02/20/01 09:15

ASK LABORATORIES, INC.

QA/QC INFORMATION

METALS	RPD	SPIKE RECOVERY	QC RECOVERY	BLANK
ALUMINUM	6.7%	96%	95%	bdl
ANTIMONY	5.9%	95%	95%	bdl
ARSENIC	6.7%	96%	96%	bdl
BARIUM	7.1%	95%	97%	bdl
BERYLLIUM	6.2%	96%	100%	bdl
CADMIUM	5.9%	95%	97%	bdl
CALCIUM	6.7%	96%	96%	bdl
CHROMIUM	5.8%	97%	101%	bdl
COBALT	4.1%	97%	100%	bdl
COPPER	6.1%	98%	100%	bdl
POTASSIUM	6.7%	95%	96%	bdl
IRON	6.6%	97%	97%	bdl
LEAD	7.4%	95%	102%	bdl
MAGNESIUM	6.5%	98%	99%	bdl
MANGANESE	6.2%	96%	100%	bdl
NICKEL	5.8%	97%	98%	bdl
SELENIUM	5.1%	95%	98%	bdl
SILVER	8.5%	85%	99%	bdl
SODIUM	6.2%	97%	101%	bdl
THALLIUM	6.6%	98%	101%	bdl
VANADIUM	6.7%	95%	96%	bdl
ZINC	6.3%	95%	100%	bdl

bdl=below reportable levels

TEST METHODOLOGIES

TEST CODE : LQ_DIG

TEST NAME : LIQUID DIGESTION

METHOD 3005/3010/3020: ACID DIGESTION OF AQUEOUS SAMPLES FOR TOTAL RECOVERABLE OR DISSOLVED METALS. TEST METHODS FOR EVALUATING SOLID WASTE, 3RD EDITION, DECEMBER 1987.

TEST CODE : T_DIG

TEST NAME : TOTAL DIGESTION

METHOD 3050 : ACID DIGESTION OF SEDIMENTS, SLUDGES, AND SOILS. TEST METHODS FOR EVALUATING SOLID WASTE, 3RD EDITION, DECEMBER 1987.

11055
5935 Glenoak Lane
Amarillo, Texas 79109
Telephone (806) 353-4425
Toll Free 1-800-423-9443
Facsimile (806) 352-6454

TEST CODE : METALS

TEST NAME : METALS

METHOD 6010 : INDUCTIVELY COUPLED PLASMA ATOMIC EMISSION SPECTROSCOPY. TEST METHODS FOR EVALUATING SOLID WASTE, 3RD EDITION, DECEMBER 1987.

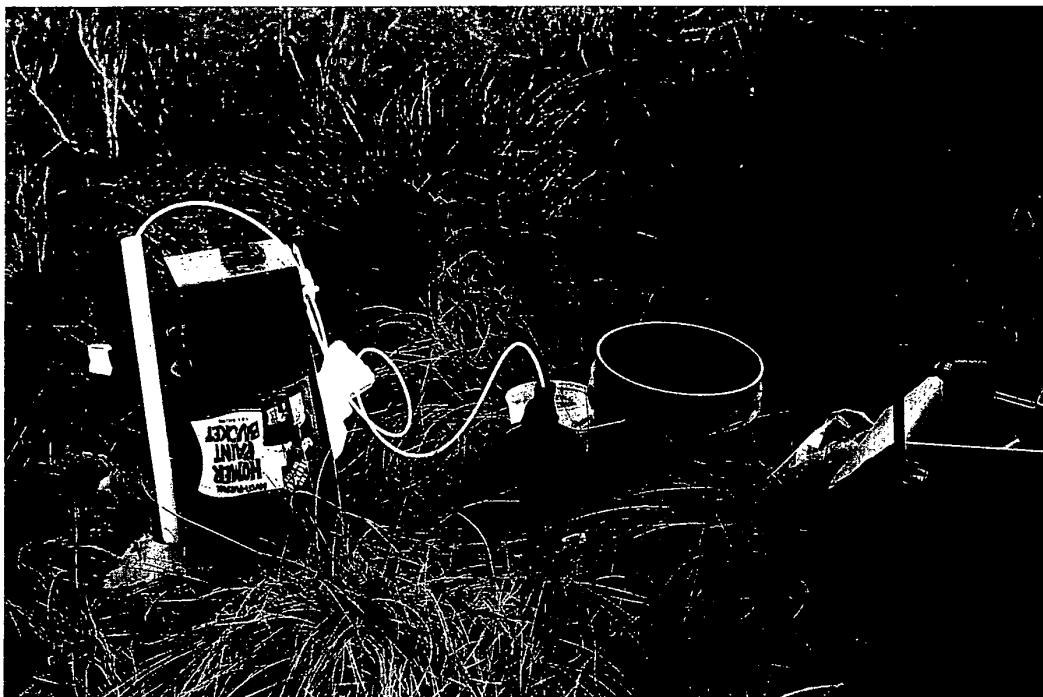
Legal Note: Liability and Damages. ASK Laboratories, Inc. liability and clients exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analysis. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by ASK Laboratories, Inc. within thirty days of the applicable service. In no event shall ASK Laboratories, Inc. be liable for incidental or consequential damages, including those without limitation, business interruption, loss of use, or loss of profits incurred by the client, its subsidiaries, affiliates, or successors arising out of or related to the performance of services rendered by ASK Laboratories, Inc. regardless of whether such claim is based upon any of the preceding stated reasons or otherwise.

Expanded Site Inspection
Photographs
Gulfco Marine Maintenance, Inc.
January 22 - 26, 2001

4550 A



Photograph 1: View toward the north of the collection of ground water sample GW-01 during the ESI sampling event. Duplicate ground water sample GW-05 was also collected at this location. Photograph taken by John Syer on January 25, 2001.



Photograph 2: View toward the southwest showing the collection of ground water sample GW-02 during the ESI sampling event. Photograph taken by John Syer on January 25, 2001.

45.002



Photograph 3: View toward the southeast showing the collection of ground water sample GW-03 during the ESI sampling event. Photograph taken by John Syer on January 25, 2001.

45 . 003



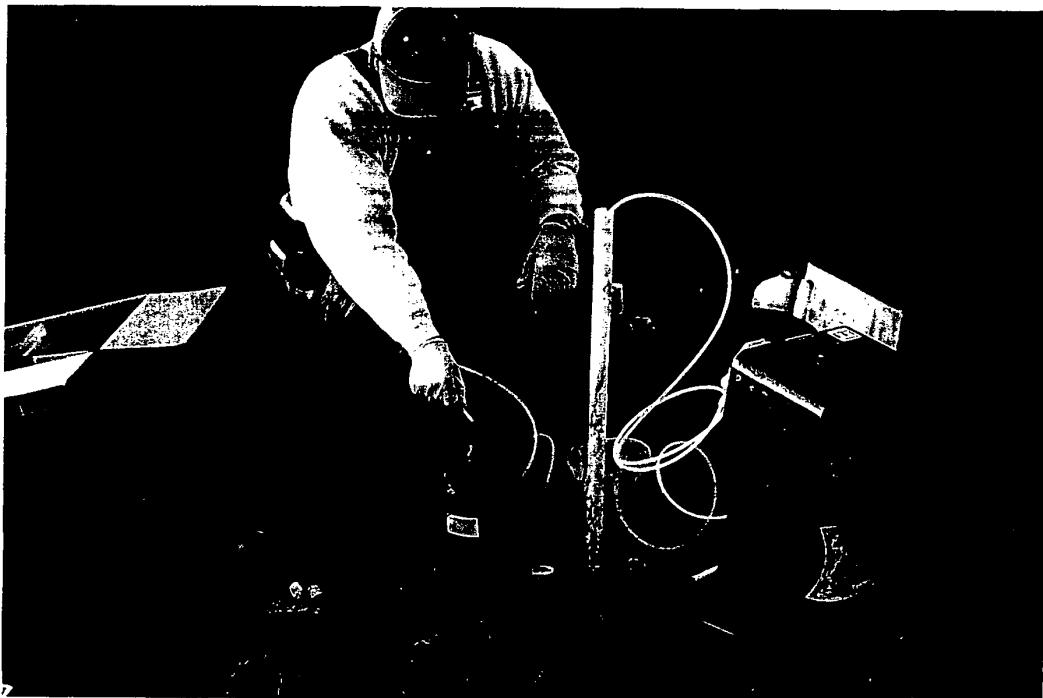
Photograph 4: Near view of the purge water obtained from ground water sample location GW-04. Note the oily sheen. Photograph taken by John Syer on January 25, 2001.

45 -004-



Photograph 5: View to the northwest showing the purging of background ground water sample GW-10 during the ESI sampling event. This sample location was west of the site on the north side of Marlin Avenue. Photograph taken by Johnny Kennedy on January 24, 2001.

45-005



Photograph 6: View toward the northwest showing the collection of background ground water sample GW-11. This sample location was east of the site north of Marlin Avenue. Photograph taken by John Syer on January 25, 2001.

45-006



Photograph 7: View toward the northeast of the collection of ground water sample GW-07 during the ESI sampling event. Photograph taken by John Syer on January 25, 2001.

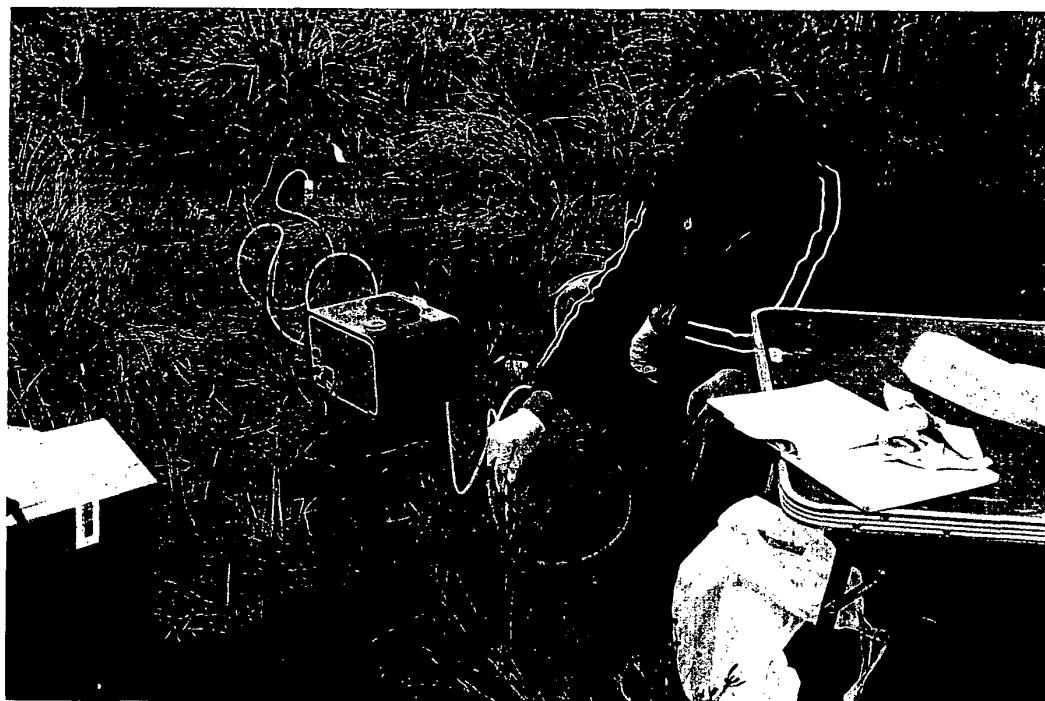
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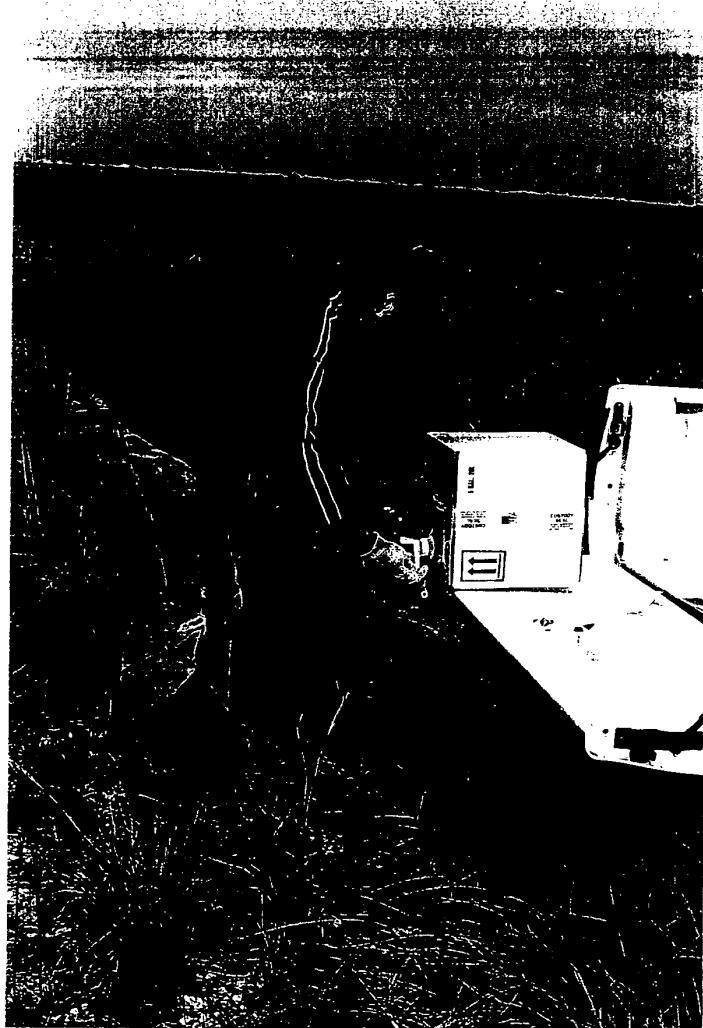
Photograph 8: View toward the northwest showing the collection of ground water sample GW-06 during the ESI sampling event. Photograph taken by John Syer on January 25, 2001.

45 008



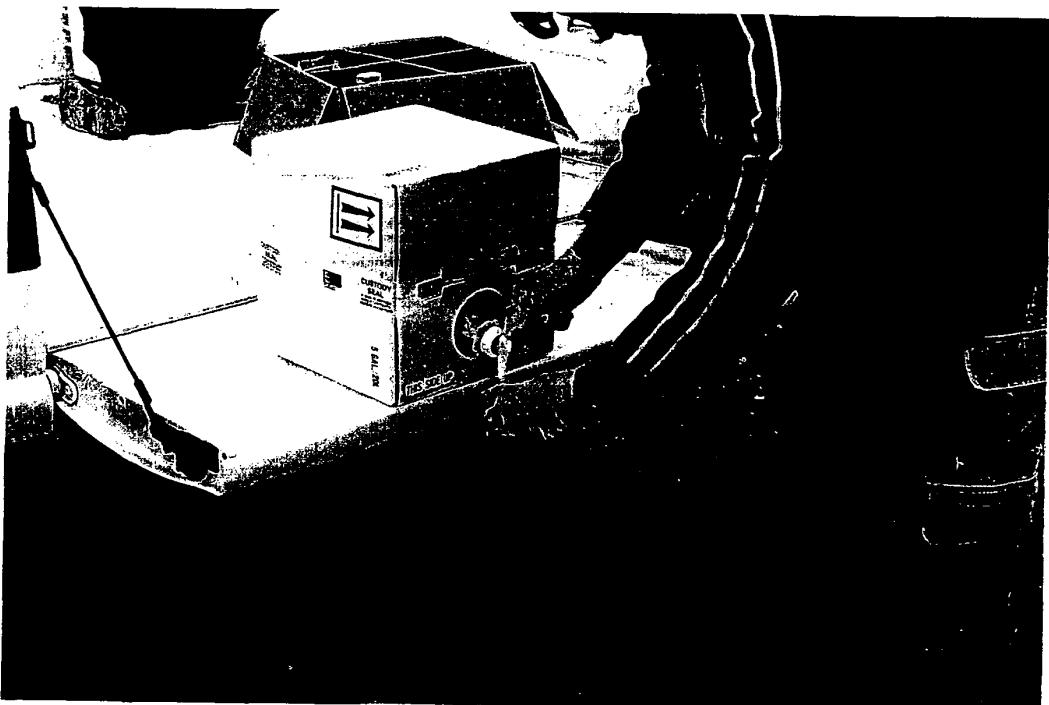
Photograph 9: View toward the north-northeast of the collection of ground water sample GW-09 during the ESI sampling event. Photograph taken by Johnny Kennedy on January 26, 2001.

45 -009



Photograph 10: View toward the north-northeast of the collection of field blank sample GW-21 during the ESI sampling event. Photograph taken by Johnny Kennedy on January 25, 2001.

45 010



Photograph 11: View toward the northeast of the collection of field blank sample GW-22 during the ESI sampling event. Photograph taken by Dale Holman on January 26, 2001.

45 011